

JAHR AND STROHM

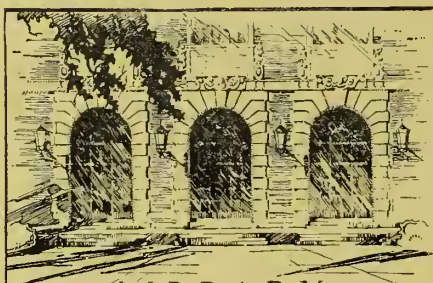
International Bibliography
Cooperative Cataloging
And Printed Cards

1850-1899

Library Science

B. L. S.

1900



LIBRARY
OF THE
UNIVERSITY
OF ILLINOIS

1900
J19

INTERNATIONAL BIBLIOGRAPHY
COOPERATIVE CATALOGUING & PRINTED CARDS
A BIBLIOGRAPHY 1850-1899

by

TORSTEIN JAHR & ADAM J. STROHM

THESIS FOR THE DEGREE OF BACHELOR OF LIBRARY SCIENCE

in the

LIBRARY SCHOOL

in the

UNIVERSITY OF ILLINOIS

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30 May 1900

THIS IS TO CERTIFY THAT THE THESIS PREPARED UNDER MY SUPERVISION BY

Torstein Jahr & Adam J. Strohm

ENTITLED International Bibliography, cooperative cataloguing & printed cards;
a bibliography, 1850-1899

IS APPROVED BY ME AS FULFILLING THIS PART OF THE REQUIREMENTS FOR THE DEGREE

OF Bachelor of Library Science

Katharine G. Sharp

HEAD OF DEPARTMENT OF Library Science

INTRODUCTION.

On trying to realize the extent to which the making of books has been carried many a modern Solomon has no doubt been appalled into silence. The great weariness that besets both the professional and the amateur student at the present day is in the effort to find out what has already been written on the particular subject which forms the object of research. If he wants to treat it in a scientific manner the first question that presents itself will be: "Is there not a bibliography on the subject?" To know this bibliography thoroughly is the first rule of science. "Science is subject to unchangeable rules, and the first of all these rules is not to engage in any subject at all before knowing exactly its scope and its bibliography", said Ernest Renan, one of the most celebrated writers and illustrious scholars of the century.

The rule is by no means easily mastered. One great reason for the difficulty is due to the fact that all present bibliographies suffer from deficiency in two cardinal points, completeness and perspectivity, a drawback that becomes so much the more emphasized by the ever-increasing volume of literature annually poured out from all parts of the globe and in all languages, in form of books, pamphlets, periodical articles and transactions and proceedings of literary societies.

The demand for keys that would unlock all the treasures of human knowledge, systematic and complete catalogues or bibliographies, is therefore ever becoming keener and has, especially during the last decade, repeatedly been urged by individual workers and ever and anon been object for discussion at librarians' conferences, international congresses of scientists, and by learned socie-



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ties, the main propositions having been the production of an universal or international bibliography, cooperative cataloguing of more or less special subjects, and especially of late by means of printed cards.

It has been our aim to record in the present bibliography as far as possible all the literature bearing upon this subject, issued during the last fifty years, 1850-1899, arranged in the form of a chronological ~~check~~^{or}list. The chronological order has been chosen as being best adapted to show the progress and development of the discussion.

The subject in question dates further back than 1850. During the French revolution a movement was afoot for establishment of a union catalogue for all the libraries in France, but fell flat as so many of the other plans of that epoch. During the first half of this century voices in the wilderness of bibliography were heard, esp. from France and Germany; but they were few and far between.

The year 1850 has not been arbitrarily chosen. It may be said to form the first mile-stone on the road; at that year the momentous "Report of the commissioners appointed to inquire into the constitution and government of the British museum" was brought to daylight and caused considerable discussion.

"The 'Athenaeum' journal, the most prominent organ of the assailants of the Museum, in concluding its remark upon the report of the commissioners, astonished its readers by proposing a universal catalogue, to contain all the books that ever were printed. The plan was that our government should catalogue all British works, and every other its own. Such a catalogue would serve for every

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library; nothing would be necessary, in any one such institution, except to indicate the presence of each work in the library by affixing to each its press mark, or designation of its place on the shelves. Separate stereotype blocks for each title are proposed to be presented by each government to the rest, out of which any variety of plans of cataloguing might be made feasible.★

This plan of separate stereotype blocks had been brought before the commissioners by Mr. W. D. Cooley, but the same idea had already occurred to Prof C. C. Jewett, who as early as ⁱⁿ the fall of 1847 appears to have communicated it to Mr. Henry Stevens and urged him to introduce the plan to the authorities of the British museum;☆☆ but Prof. Jewett did not have it discussed in public before in 1850, when he made it the subject of a communication to the A. A. A. S. at its meeting at New Haven, Connecticut, August 1850 (in whose Proceedings it was printed the following year, Entry no.2), another reason for considering the date a turning-point.

The next movement of note is that of the Society of arts, London, which as early as December 1852 considered the idea of producing a universal catalogue and, as a first step towards it, of preparing a catalogue of all books printed in the United Kingdom before 1600. No measures were adopted, and the matter dropped; but in 1876 the society once more took the idea into consideration, and it became the subject of much discussion during the years 1878 and 79, which, although void of practical results, yet served a use-

★ Edinburgh review, Oct. 1850, p. 394, in the article British museum commission: Catalogue of printed books, 92:371-98.

☆☆ A. Growoll, Some notes &c. L. j. 13:281

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ful purpose in calling renewed attention to the great problems extant in bibliography and stirring thought.

In 1876 the A. L. A. was formed, and since that time the cooperative cataloguing movement has progressed with rapid strides. The great drawback in all bibliographical work is that by the time, or even before, the work is published and in circulation, it has fallen into arrear. To remedy this disadvantage the card catalogue, an American contrivance, has been introduced in a majority of libraries for their individual use and the system of printing the separate titles on slips or cards has been found servicable also in preparing bibliographies. The A. L. A. cooperative committee on cataloguing established in 1876, issued during 1879-80 the title slip registry for every new book published in the U. S. The difficulty of enlisting sufficient library support to give the necessary financial basis for the work downed the efforts of the committee in February 1880. By cooperation between the Publishing section of the A. L. A. and the Office of the Publishers' Weekly a series of catalogue cards was issued in 1887 but not on a sufficient^{ly} large scale and with sufficient promptness to give a fair commercial test of the support for such a scheme.☆ With the year of 1893 two rival plans for central cataloguing were submitted to the library world: viz., the plans of the Rudolph indexer company and of the Library bureau.

The Rudolph indexing device resulted in more discussion than practical following while the Library bureau continued to issue "printed catalogue cards for all current standard books" until June 1896, when the work was transferred to A. L. A. Publishing section, in whose charge it is at present.

☆ L. j. 18:508.

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In March 1894 the Royal Society, London, having then issued 9 volumes of its ~~great~~ Catalogue of scientific papers, an index under authors' names of all the memoirs of importance in the chief English and foreign scientific serials 1800-1873 & 1874-1883, which most useful undertaking should have become invaluable but for the lack of a subject index, took up the idea of maintaining through international cooperation a complete catalogue of current scientific literature. International conferences were held at London in 1896 and 1898, the latter important on account of the report presented by the committee on classification. This scheme of the committee published last year has caused a great deal of discussion and criticism in the literary world, while the recommendations of the delegates at the conference to their respective governments ^{have} met with only partial success.

In September 1895, the first international bibliographical conference was held at Brussels, and the Institut international de bibliographie was established. Its ambition is to prepare a Répertoire bibliographique universel, a complete universal catalogue of all the literature in existence of all peoples through all ages, printed on cards, to be sold by subscription. The plan has been an apple of discord among bibliographers, the more conservative believing that the undertaking will ~~down~~^{fall} before long in the deluge of its own cards.

It is not intended in these introductory remarks to chronicle the history of the movement or to confer any criticisms upon the different schemes that have been proposed. We have only wanted to point to the most important plans and lines of development. The question is this year more present than ever before. In connection

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with the universal exposition at Paris a congress of bibliography will be held from the 16th to 18th of August, and this subject will be one of the most important brought before the meeting.★

The most important subject to come before the A. L. A. at the Montreal conference this year is perhaps the report of the cooperative committee. This seems to offer a possibility of carrying out the plan proposed by the late Prof. Jewett, in its "second scheme of "having linotype bars or electrotypes of every book catalogued by each library kept on file by a central bureau, numbered with consecutive numbers".☆☆

A few words about the method employed in collecting the material for the bibliography may not be amiss.

The great authority on the subject is Milkau, Central-kataloge (entry no. 235); his full bibliographical references in the footnotes have **in all possible cases been verified.** The general English, French and German periodicals were consulted and the special indexes to series. Then ranging over series after series, index after index from beginning to end, in such technical journals as the Library, L. j., C. f. b., Science, & Nature, and ~~we~~ finally following up all the references which could be gleaned from the sources. "Work grows" as George Eliott says, and having in most cases only the title to go by, we have had to consult and scan through twice as many articles as entered (289) or about 600 different papers in some 75 periodicals.

It is our hope that our work may prove useful to one who wishes to make "an appeal to history", in helping him to reach the

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sources to be consulted for an authoritative account of this subject, and also as a guide for those who want to become familiar with the literature that must serve as a basis for a continued intelligent discussion on methods and improvements in modern bibliography.

LIST OF PERIODICALS

Academy.

American journal of science and arts.

Athenaeum.

Atlantic.^{monthly}

Beilage zur Allgemeineⁿ zeitung.[^]

Bibliofilo

(Le) bibliographe moderne

Bolletino delle ^bpublicazioni italiane[^]

Bolletino ufficiale del ministero della pubblica istruzione.

Börsenblatt für den deutschen buchhandel.

British association for ^{the}advancement of science. Report.[^]

Bulletin de l'Académie royale des sciences etc. de Belgique

Bulletin de l'Institut international de bibliographie.

(Il) Buonarroti.

Centralblatt für bibliothekswesen

Centralorgan für die interessen des realschulwesens.

Conference of librarians. Transactions & proceedings.

Correspondance historique & archeologique.

Cosmopolis.

Dublin review.

Edinburgh review.

Examiner.

Jenaer literaturzeitung.

Journal of the Society of arts.

Knowledge.

Library.

Library assistants' record

Library journal.

Literary notes.

Literature.

Magazin für litteratur.

Mittheilungen des osterr. vereines für bibliothekswesen.

Monist.

Nation

(Die) natur.

Natural science

Nature

Naturwissenschaftliche rundschau.

Neuer anzeiger für bibliographie & bibliothekswissenschaft.

New quarterly review.

Nortons literary gazette.

Nuova antologia.

Preussische jahrbücher.

Psyche.

Public libraries.

Publishers' weekly.

Quarterly review.

Revista delle biblioteche e degli archivi.

Revue bibli-iconographique.

Revue bleue.

Revue des bibliothèques.

Revue des deux mondes.

Revue internationale des archives, des bibliothèques et
des musees.

Revue scientifique

Science

Smithsonian institution. Reports.

Svensk bokhandelstidning.

Universal review.

Zeitschrift für bucherfreunde.

Zoologischer anzeiger.

The following abbreviations have been used:

A. A. A. S.- American association for the advancement of science.

A. L. A.- American library association.

B. I. I. B.- Bulletin d'Institut international de bibliographie.

C. f. b.- Centralblatt für bibliothekswesen.

I. I. de B.- Institut international de bibliographie.

L. A. record- Library association record.

L. A. U. K.- Library association of the United kingdom.

~~L. B.~~ - " *bureau.*

L. j.- Library journal.

L. n.- Library notes.

Volume and page numbers are separated by a colon; e.g.

L. j. 5:284-96 means Library journal, vol. 5, p. 284-96.

1850, May 11.

Dilke, Charles Wentworth.

Report of commissioners appointed to inquire into the constitution and government of the British museum; with minutes of evidence. London, 1850. (Concluding notice.)

Athenaeum, 1850: 499-502.

The last of a series of five articles reviewing the report of the Royal commission on the British museum.

What we need is a catalogue which shows not only what we have got, but also indicates what is wanting and where the wanted material may be found. Let Mr. Panizzi proceed to complete his catalogue, and let him have assistants who shall prepare on the same uniform system the titles of all works published in the English language or printed in the British territory, but not at present in the British museum. Meanwhile communications should be opened with the principal governments of the world and a proposal made to each of them to cooperate with the British nation in publishing a universal catalogue.

(1

1851, March.

Jewett, Charles Coffin.

A plan for stereotyping catalogues by separate titles; and for forming a general stereotyped catalogue of public libraries in the U. S. (see A. A. A. S. Proceedings, 1851, 4: 165-76.)

A communication to the A. A. A. S. explaining his plans of printing a catalogue by stereotyping the titles

separately and to preserve the blocks or plates in alphabetical order of the titles so as to be able readily to insert additional titles in their proper places; the formation of a general catalogue of American libraries being the final object. Another process of stereotyping invented by Mr. Josiah Warren from Indiana also described.

(2

1851, March.

Jewett, Charles Coffin.

General catalogue... (see Smithsonian institution - Regents, Board of. Annual report v.5. Senate document, special session, no. 1, p. 32-41, ser. no. 547.)

In his official report as librarian of Smithsonian institution for the year 1850 he explains his plan of stereotyping catalogues.

For further statement on the progress of the plan, see Smithsonian institution - Regents, Board of. Annual report v. 6. 1852 p. 22-23.

(3

1852, Oct. 30.

A universal catalogue.

Athenaeum 1852: 1179-80.

Commenting upon an article on the Smithsonian institution, contained in the Southern repertory & College review, Oct. 1851. Prof. Jewett proposes a course which is not merely in the spirit, but is to a limited extent an adoption of our own plans. The managers of the Institution lay great stress upon rendering it a "centre of

bibliographic reference", and they describe clearly and simply what they believe essential to this object.

(4

1853, Oct. 15.

Jewett, Charles Coffin.

Smithsonian catalogue system.

Norton's literary gazette 3:173-4.

Part of a paper read at the first general conference of librarians held in New York, Sept. 15-17, 1853.

Description of his system and scheme. The convention adopted some resolutions of recommendation.

(5

1853.

Jewett, Charles Coffin.

On the construction of catalogues of libraries, & their publication by means of separate, stereotyped title. With rules & examples. Ed. 2. 12 & 96 p. O. Wash. Published by the Smithsonian inst. 1853. Smithsonian Report. (1st ed. 1852.)

Translated into Italian by Guido Biagi: Ch. C.

Jewett, Della compilazione dei cataloghi per biblioteche e del modo di pubblicarli per mezzo di titolo separati stereop^{ti}ati, Firenze 1888.

Enlargement of his plan mentioned above (nos. 2-5) with rules for cataloging, &c.

(6

1855.

Hunt, E. B.

On an index of papers on subjects of mathematical & physical science.

American journal of science & arts, 70 (Second series v. 20.): 341-48.

Suggests that several "who have capacity & courage" associate their labors, each taking certain series & so together exploring the whole field of scientific papers making an index on the plan of Poole's Index of periodical literature.

(7

1855, Sept.

Henry, Joseph.

Catalogue of philosophical memoirs. (See British association for advancement of science. Report 1855, p. 66.)

"A communication from Prof. Henry of Washington having been read, containing a proposal for the publication of a catalogue of philosophical memoirs scattered throughout the transactions of societies in Europe and America, with the offer of co-operation on the part of the Smithsonian institution to the extent of preparing and publishing in accordance with the general plan which might be adopted by the British assoc., a catalogue of all the American memoirs on physical science. The committee approves of the suggestion and recommends ... (names) be appointed a committee to consider the

best system of arrangement and to report thereon to the council."

This being the incentive to an international catalogue of scientific works.

Noticed in Science N. s. v. 6:185.

" " Smithsonian **report** for 1867 p. 58.

" " Royal **society**. Catalogue of scientific papers v. 1, pref p. 3-4.

(8

1856.

Crestadoro, Andrea.

The art of making catalogues of libraries; or, a method to obtain in a short time a most perfect, complete & satisfactory printed catalogue of the British museum library, by a reader therein. London 1856.

Demands a universal catalogue of all the printed books in the world. "There can be no doubt but that the whole civilized world would rejoice to assist in the noble undertaking." Quoted by Milkau, Centralkataloge, p. 49.

(9

1859.

Edwards, Edward.

The stereotyping of catalogues; (see his Memoirs of libraries. London 1859 v.2:864-68.)

Comments upon the plans of a stereotyped catalogue

by Mr. W. D. Cooley of the British museum and of Prof. Jewett and upon the outlook of a universal catalogue.

(10

1866.

Bonnange, Ferdinand.

Nouveau systeme de catalogue au moyen de cartes. Paris
1866.

By the means of a card catalogue the problem of a universal catalogue may be solved. Quoted by Milkau, Centralkataloge p.54.

(11

1867.

Narducci, Enrico

Discorso del modo di formare un catalogo universale delle biblioteche d'Italia, dove per incidenza si da un saggio di bibliografia Dantesca.

(Il) Buonarroto 2:140 et seq.

Reprinted with the title Nota delle edizioni della D.C. esistenti nelle principali biblioteche di Roma.
Roma 1867. Quoted by Milkau, Centralkataloge, p.33.

1872.

(12

(12^a

1874.

Bonnange, Ferdinand.

Le bilan de l'esprit humain; projet d'un catalogue

universel des productions intellectuelles; memoire sur les moyens a employer pour dresser rapidement des catalogues exacts & complets des richesses renfermees dans les bibliotheques... precede d'une preface de M. E. Littre. Paris 1874.

Quoted by Milkau, Centralkataloge, p.55.

(13

1874.

Rullmann, F.

Die bibliotheks-einrichtungskunde zum theile einer gemeinsamen organisation, die bibliothekswissenschaft als solche einem besonderen universitäts studium in Deutschland unterworfen. Freiburg 1874. 28 p. 0.

The libraries of Germany need reform & uniformity. To bring about this the author proposes that bibliothekar-
versammlungen be periodically convocated whose resolutions shall be considered as "vollständig souverain".
"The uniform bibliographic system that would have to be adopted by the respective libraries, would be a detriment to local interests", says E. Steffenhagen in his criticism of the book in

Jenaer literaturzeitung 2:104.

(14

1875.

Thomas, Ernest C.

Notes of a proposal to make a universal index to literature. 8 p. 0. Lond. 1875.

Quoted by Petzholdt, Neuer anzeiger 1876, p.369,
& Milkau, Centralkataloge, p. 49.

(15

1876.

Narducci, Enrico.

Di un catalogo generale dei manoscritti e dei libri a
stampa delle biblioteche governative d'Italia, proposta al
signor ministro della pubblica istruzioni, nella quale si da
per saggio l'articolo "Boccaccio (Giovanni)".

(Il) Buonarroti 11, 281 & seq.

Reprint, 19 p. O. Roma 1877.

Quoted by Petzholdt, Neuer anzeiger 1878, p. 42-3;
by Gräsel, Grundzuge der bibliothekslehre, p.377; & by
Milkau, Centralkataloge, p.33.

(16

1876, Jan.

Roesler, F. E.

Co-operative subject index.

L. j. v.1:183-84 & 226-27.

A suggestion to the librarians throughout the country
in making a complete general subject index of all publi-
cations contained within the different libraries, by
assigning certain classes of books to different libraries
for indexing. If the same form of subject index card
were used, the cards should at stated times be sent to
one place and there assorted & arranged under general

heads & the information so gathered then published.

Endorsed by L. j. in Editorial v.1:222.

(17

1876, July 6.

Conference of librarians.

Examiner, 1876, July 6.

Quoted in L. j. 3:305-6. Severe criticism of Mr. J. A. Cross's paper & the plan of the Society of arts to frame a complete catalogue of English literature before 1640. "The Society of arts was established in the interests of commerce, manufactures, & mines, which it gravely proposes to promote by publishing lists of Latimer's sermons & Shakespeare's plays".

(18

1876, Sept.

Nelson, C. A.

Publishers' slips for librarians & others.

L. j. 1: 14-15.

Suggestions in reference to the supplying by publishers of slips containing the titles of new books with a synopsis of their contents. With each book published there should be sent out prepared slips containing the author's name & the title page in full; the slips to be of good **thin** paper & a trifle smaller in dimensions than the cards used in libraries, so that they could be pasted upon a card & placed at once in the card catalogue.

Invites librarians & publishers to discussion of the plan.

(19

1876, Oct.

Barnwell, James G.

A universal catalogue; its necessity & practicability.

L. j. v.1: 54-8.

Emphasizes the value of making a universal catalog and the possibility of accomplishing such a task by government aid & cooperative work in the preparation of such a catalogue.

The author comments upon the different schemes of arranging entries and considers, that the chronological method would be most free from objection. He considers it to be of first importance to the successful completion of the work, that a code of catalogue rules be formed by a conference of bibliographers and then adhered to with the most slavish severity. Read at the A. L. A. conference in Philadelphia Oct. 1876.

(20

1876, Oct.

Fiske, John.

A librarian's work.

Atlantic v.33: 480-91.

Criticism upon Prof Jewett's plan of separate stereotyped plates for each catalogue card.

(21

1876, Oct. 7.

Hottinger, Chr. G.

Eine verzeichniss aller druckwerke, vorschlag. 8 p.

Strassburg . . . 1876.

An autographed pamphlet recommending the forming of a catalogue of all printed books, using the bibliographies already in existence as a starting point, whose titles should be placed on single cards or slips by copying or by cutting out and pasting and arranged alphabetically.

Quoted by Petzholdt, Neuer anzeiger fur bibliographie 1876: 369, Milkan, Centraalkataloge, p. 50.

(22

1876, Nov.

Co-operative cataloging.

L. j. 1: 118-21.

A discussion on the subject of "the preparation of printed titles for the common use of libraries" by Mr. Melvil Dewey and members of A. L. A. at its meeting Oct. 1876. Mr. Winsor describes the method employed by Boston public library for duplication of its cards, an outgrowth of the heliotype process. Suggestions of requesting the assistance of the publishers, who would benefit greatly from having their books advertised and kept on permanent record.

(23

1876, Dec.

Petzholdt, J.

Plan zu einem allgemeinen bibliographischen Lexikon.
Neuer Anzeiger für Bibliographie und Bibliothekswissenschaft.
1876 p. 369-71.

Favorable remarks upon Dr. Chr. G. Hottinger's plan
of a "Verzeichniss aller Druckwerke".

(24

1877.

Bibliografia italiana. 1877. Cronaca No. 18, p.69 et seq.

Quoted by Milkau, Centralkataloge, p. 35. A criticism by Dr. Giuseppe Ottino of Mr. Narducci's plan of a general catalogue of all Italian libraries.

(25

1877, Jan.

Dewey, Melvil.

L. j. v.1: 170-75.

Stress laid upon the vast economy of labor, patience and money, which would be brought about if the cataloguing of libraries could be done on some good plan of co-operation.

The preliminary report of the A. L. A. committee on cooperative cataloging is incorporated in the article, inviting everyone having ideas on this subject to put them in compact form and furnish them to L. j. for publication.

The formal report to be made after the matter has been completely canvassed and all suggestions carefully considered.

(26

1877, March 18.

Müller, Max.

Letter on cataloging.

Academy 9:261-62.

Stating the desirability of convening an International Congress of librarians, he especially mentions as one point to be discussed cooperation in cataloging: every English book might be catalogued at the British museum, every French book at the Bibliotheque Nationale &c. printed slips might be sent to every small or large library, and each of them have three or four kinds of catalogues, alphabetical, chronological, local, subject. Even when the library is too poor to buy a book, the slip might be useful in its catalogue.

(27

1877, April.

Pool, R. B.

The co-operative cataloguing report.

L. j. v.1:289-90.

Comments and criticisms on the preliminary report on co-operative cataloging. Stress laid upon the importance of keeping in mind when framing the rules for the

co-operative catalogue that the catalogue is for the use of the public and not for bibliographers.

(28

1877, May.

Schwartz, Jacob.

The co-operative cataloguing report.

L. j. . 1: 328.

Suggestions offered to the committee on co-operative cataloguing in regard to author entries, anonyms, pseudonyms and corporate entry.

(29

1877, June.

Cadwallader, B.

A national library system with a universal catalogue.

L. j. . 1: 369-71.

A national library system with object of facilitating by co-operation, library economy in all branches to be established under the control of the government and with Library of Congress as a central library bureau or a medium of communication for all libraries. "Co-operation in all things" to be the motto in purchasing of books, supplies and library apparatus, in establishing "central" binderies, in the making of reports and statistics. The chief product of co-operation to be a universal catalogue, wherein a given book would be designated by a number common to all libraries, whereby the numbers of books

would become synonymous with their names all over the land.

The plan considered well nigh chimerical by L. J. and the more urgent need of a standard reference catalogue is observed.

L. j. v. 1: 364.

(30

1877, July.

Dewey, Melvil.

Co-operative entries.

L. j. v. 1: 403-4.

Reply to Mr. Schwartz article on the rules of the Co-operative Catalogue Committee.

(31

1877, Aug.

Dewey, Melvil.

The coming catalogue.

L. j. v. 1: 423-27.

A universal catalogue is considered impracticable at present; an annotated catalogue is warmly recommended. The labor of such a work offers the ripest fields for co-operation and A. L. A. is urged to take charge of the undertaking. A committee of experts should make selections of books, prepare the notes and would receive offers of notes from librarians and others interested in the work. Only small editions of the manual should be printed whereby it could be kept closely up to date, and serve as catalogue and purchasing list for libraries.

(32

1877, Sept.

Printed title slip.

L. j. . 2: 32-3.

Discussions of publishers slip at the annual conference of A. L. A., giving minute explanation of the system. Committee of three appointed to take action in the matter and to ask the co-operation of publishers.

(33)

1877, Oct.

Co-operative cataloging.

L. j. . 2:264.

Discussion on Publishers title slips by Messrs. Winsor, Wheatley, Cutter and Milman, with particular emphasis on the possible result, that if such slips could be purchased, the librarian's occupation or chance of distinction as a good cataloguer would be gone. If librarian is merely to be a recipient of the slips, good librarians will soon be an extinct race.

From Proceedings of the librarians conference
London, October 3, 1877.

(34)

1877, Oct.

Depping, Guillaume.

(Note on) Co-operative cataloging.

L. j. . 2: 188.

Commends Prof. Müller's letter in "The Academy" of

18 March, 1876 on co-operative cataloguing.

Should a trial of the system be undertaken, beginning should be made with bibliographical works as being the most indispensable to the librarian.

Read at the conference of librarians in London
Oct. 1877.

(35

1877, Dec.

Cross, John Ashton.

A universal index of subjects.

L. j. . 2: 191-4.

Every library ought to have some specialty, and ought then to supply the references in its own special branch, for the compilation of a general subject catalogue to be accomplished by a central clearing-house, to which all references should be sent.

Read at the conference of librarians, London,
Oct. 2-5, 1877. For discussion following see

L. j. 2: 264-6.

(36

1878.

(Die) deutschen buchersammlungen als ganzes.

Neues reich 1878:1,903-7.

In connection with the Royal library at Berlin should be established a literary headquarter where scholars might inquire where a certain book might be found.

Quoted by Gräsel, Grundzüge der bibliothekslehre, p.377.

(37

1878.

Modino, Beneditto Salvatore.

Breve relazione sul primo congresso internatzionale dei bibliotecari tenuto in Londra in ottobre 1877. Palermo, 1878.

41 p. 8

1) La formazione di un catalogo generale alfabetico, e se se mole pure a materie, di tutti i libri che esistono o che si sono stampati.

2) La compilazione di un catalogo generale di tutti manoscritti esistenti nelle biblioteche, potendosi pure, di quelli posseduti dei privati.

(38

1878.

Stevens, Henry.

Photo-bibliography; or, a central bibliographical clearing-house. (see London - Conference of librarians, Oct. 1877. Transactions & proceedings. Lond. 1878. p. 70-81.)

"A word on the necessity of cataloging every book printed; the importance of printed card catalogues of old, rare, beautiful and costly books, and how to make them on a co-operative or universal system, which for the lack of a better term I shall, for the present, term photo-bibliography."

Reprinted:

(39

1878.

Walford, Cornelius.

A new general catalogue of English literature. (see

London - Conference of librarians, Oct. 1877. Transactions and proceedings. Lond. 1878. p. 101-3.)

"The question of a universal bibliography has been so often discussed by librarians that it could hardly fail to be brought before the London conference. Mr. C. Walford's proposal took the more practical shape of a general catalogue of English books, and was in so far in harmony with the suggestions made by the late Mr. Dilke in the Athenaeum". (See no. 1.) Before separating the Conference recommended the subject to the L. A. U. K. (Transactions p.131.) and a sub-committee was appointed to report on the question to the Oxford meeting.

(40

1878, Feb. 15.

Universal catalogue of printed books.

Journal of the society of arts 26:227-9.

In January 1878 the prince of Wales had referred to the Council of the Society of Arts the subject of the cost of producing a universal catalogue of all books printed in the United kingdom up to the year 1600. The council asked librarians, publishers and printers to give replies to questions adjoined. Also explanation and specimens of the proposed catalogue.

(41

1878, Feb. 22.

Universal catalogue of printed books.

Journal of the society of arts 26:243.

Points on which information will be sought.

(42

1878, April.

The Society of Art's universal catalogue.

L. j. 3: 61-63.

The society had as early as Dec. 1852 considered the idea of producing a catalogue of all books printed in the United Kingdom before 1600, and a universal catalogue of which that might be a part. 1876 the idea was again taken into consideration. Library journal reprints from the Journal of the Society the circular of queries and an account of the plan with specimens of the proposed catalogue. It is proposed that the titles of books shall be arranged chronologically, at the beginning of printing into long periods, and afterwards into decades, or even years. Each country shall compile and publish the titles (to be given as printed) of all the printed books produced in it, printed on one side of the leaf. Such a collection of titles once made, would serve as a basis of every kind of classed catalogue.

(43

1878, May.

Report on committee on publishers titleslips.

L. j. . 3: 113-14.

Recommendations in regard to the slips, viz.
title-entry, author-entry, the descriptive or explanatory
note, indention and type. Fac-simile of slip and titles.
Proposes to make the New York office of the Library
journal and Publishers' weekly a central office for
library as well as book trade record, but the title slips
will be prepared under the direction and supervision of
the librarians of Harvard and Boston Athenaeum. The
supervisory labor will be given, but the publisher will
be asked to pay the necessary expenses. For the present
the cost of subscription is estimated at \$1.00 per year,
which would be amply compensated by the advertising
benefits. In issuing such slip-circular it is suggested
that a stiff manila paper is preferable, to obviate
pasting, e.g. $12\frac{1}{2}$ x 20 cm. of which the standard catalogue
card is exactly the quarter.

Endorsed in editorial L. j. v. 3:112.

(44

1878, July.

Axon, William E. A.

The projected universal catalogue.

L. j. 3:175-7.

After a brief historical outline of the movement
distancing himself from E. F. Taylor, the writer on

Bibliography in Encyclopedia Britannica (the idea is now wholly chimerical, since the number of books surpasses all human calculation) and quoting the experienced H. G. Bohn's statement that the completion of the Universal bibliography might be accomplished in a few years, proposes to construct a list of all books printed previously to 1600, which would probably be found so useful as to justify a further prosecution of the plan.

(45

1878, July.

Printed title slips.

L. j. 3: 200.

Announcement that Psyche, the organ of the Cambridge Entomological Club, has commenced issuing title slips, thus taking the lead in experimenting with printed slips. Terms for subscription given.

Commended by L. j. in editorial L. j. v.3: 222.

(46

1878, Aug. 23-30, Sept. 6.

Universal catalogue of printed books.

Journal of the Society of Arts 26: 856-60,
868-77, 881-85.

Evidence taken before the committee.

Digest of above given in L. A. U. K. Transactions
& proceedings. Lond. 1879. p.9-10.

(47

1879.

Bailey, James B.

A subject-index to scientific periodicals. (See L. A. U. K. Transactions & proceedings. Lond. 1879. p.85-7.)

Advocates the desirability of making an index to scientific periodicals on the same plan as the new edition of Poole's index: i. e., by the cooperation of different societies, libraries and individuals.

Materially the same in Nature v. 18:251.

(48

1879.

Preliminary report of the committee on a general catalogue of English literature. (See L. A. U. K. Transactions & proceedings v. 1. Lond. 1879. p. 8-9.)

(49

1879, Jan.

Milman, Henry.

Society of Arts' universal catalogue.

L. j. 4: 18.

Sympathizing with the sharp criticism in the Examiner's review of the London conference proceedings, of the universal catalogue of books before 1640, he points out the greater importance of class lists of the freshest and best books on each subject as more wanted in the modern library movement.

(50

1879, Feb.

Title-Slip-Registry.

L. j. .4: 49 & 242.

Announcement by L. J. that beginning with February the Title-slip-registry will be sent as a supplement with each monthly issue of the Journal, without further charge. The registry takes the place of the proposed separate title slips and gives full A.L.A. titles with Dewey number. It is printed on one side only, on thin paper and extra copies may be furnished at the yearly subscription of one dollar.

(51

1879, April.

Garnett, Richard.

Public libraries & their catalogues.

New quarterly review 1879, April.

Speaking of the classified catalogue of manuscripts at the British museum prepared by Mr. E. A. Bond, reference is made to "the remarkable proposal emanating from the Society of arts that the Museum should make and publish a catalogue of English books before 1641, or just the period when books were beginning to be useful".

Reprinted in his **Essays** in librarianship and bibliography. London 1899, p.32-66.

(52

1879, April 11.

Universal catalogue of printed books.

Journal of the Society of arts 27:427-8.

Report of the committee. Mr. Bullen expressed the opinion that the best and only sure method of laying a solid foundation for the Universal catalogue of English printed literature would be to print the catalogue of the printed books in the British museum, from A. D. 1450 to the present time. He considered the work might be ready for printing in two years. The committee recommended that before the inquiry into the cost of printing the universal catalogue is carried any further it should be ascertained if the government would entertain the idea of printing the catalogue of the British museum. The committee had also a specimen page prepared in what would probably be the cheapest possible form.

(53

1879, April 24.

A universal catalogue.

Nature 19: 585-6.

The council of the Society of Arts addressed a series of questions to them likely to give useful answers and it seems to have been Mr. Bullen who suggested that the best and only sure method of laying a solid foundation for the universal catalogue of English printed literature would be to print the catalogue of printed books in the British museum, from A. D. 1450 to the present time.

(54

1879, May 29.

Brezina, Aristides.

A universal catalogue.

Nature, 20: 94-5.

So great a work when undertaken should be complete, so as not to necessitate having the same to be done fifty times. It would make it quite easy for each library to form its own catalogue in a much abbreviated form. Titles of old books could form a special catalogue of 50 volumes. A numerous catalogue committee should be formed to which copies of all greater libraries' catalogues should be sent in. The final work should be completed by appendices at short intervals of five or ten years.

(55)

1879, June 27:

Universal catalogue of printed books.

Journal of the Society of Arts, 27:685

Part of the report of the council at the annual general meeting. A short review of the discussions and resolutions of the Society on the subject. The committee hope to be able to lay their proposal before the government in such a form as to induce it to authorize the trustees of the British museum to undertake the printing of the catalogue.

(56)

1879, July.

Committee on publishers title slips.

L. j. 4: 291.

Summary of Mr. Bowker's verbal report for the committee on Publishers' title slips.

Realizing the impracticability of printing the titles of books on separate cards the system of Title-slip-registry was devised to meet the difficulty. The first cost of making the title-entries and setting the type is borne by Publishers' Weekly, whereafter the proofs are sent to Messrs Cutter and Dewey at Boston, who offer to do their share of the work gratuitously. The future success of the work rests upon the efforts of the librarians to put the enterprise on a paying business basis.

Mr. M. B. Mann, bibliographical editor of "Psyche", followed with an explanation of ^{the} Bibliographical record embodied in aforesaid periodical "of every book and article published in North America upon entymology or about North American entymology since 1873".

In addition to this regular publication by the Cambridge Entomological Club, attention was called to the bibliography of Le Conte's writings, printed upon catalogue cards in accordance with A. L. A. rules and was the first publication of the kind.

1879, Nov. 21.

Universal catalogue of printed books.

Journal of the Society of Arts, 28:9.

In his address at the first ordinary meeting for the year, the Chairman reviews briefly the progress of the movement.

(58

1879, Dec.

Title slip registry.

L. j. . 4: 461.

Announcement that it has been found impracticable to furnish the title slip registry without the support of those subscribers of the Library journal, to whom it has been sent gratis.

The publication will be continued under the title of the Book registry at the price of 25¢ a copy, so that even the smallest library may subscribe for it.

Editorial remarks L. j. . 4: 443.

(59

1880.

Further report of the committee on a general catalogue of English literature. (see L. A. U. K. Transactions & proceedings, v. 2. Lond. 1880 p.6-7, 104-106.)

The history of the question briefly told. "The true solution of the matter is the cooperation of our great national library with the other more important li-

braries throughout the country." Discussion following the report. Extracts of report and discussions in Journal of the Society of Arts 27:958-9.

(60

1880, Jan. 16.

International catalogues of public libraries.

Journal of the Society of Arts 28:123.

The Pope intends to publish the catalogues of the Vatican library, other European libraries will no doubt follow the example, and so by degrees an international catalogue may be forthcoming. The British museum has decided to print from time to time catalogues of all future additions to the printed books. How to print the catalogue of the books of the past is under consideration. Further details given in Athenaeum, Jan 21, 1880, p.124, reprinted in Journal of the Society of Arts 28:167.

(61

1880, Feb.

Announcement of the discontinuance of the Book registry caused by the lack of support and appreciation.

L. j. 5: 58.

Editorial comment L. j. 5:43.

(62

1880, March.

Dimmock, George.

Title slips.

Psyche v.3:44.

Announcement that Psyche has changed its bibliographical record so that it may be used as title slips of the same form and type as those of the Title slip registry, followed by an explanation of the most convenient form of using these title slips.

(63

1880, May.

C. A. Cutter

International bibliography in Austria.

L. j. 5: 145.

A short notice on an international catalogue card of Burchard, endorsed by the bibliographical committee of the Scientific club of Vienna.

(64

1880, July.

Professor Burchard's internationaler uniformer catalog-zettel.

Neuer Anzeiger fur Bibliographie and Bibliothekswissenschaft 1880 686 p. 221-24.

Circular description of Prof. Gustav Burchard's international uniform catalogue cards endorsed by the Bibliographische Comite des Wissenschaftlichen Clubs in

Wien at its meeting 22 Jan., 1880.

(65

1880, Aug.

Narducci, Enrico.

Giunte alla parte stampata degli scrittori d'Italia del conte giommama Mazzuchelli tratte dalla biblioteca Alessandrina.

Bibliofilo, I, 1880, no. 8. August, Ap. p.2.

Speaks of the advantages of a union catalogue.

(66

1881.

Bailey, James B.

An index to scientific bibliographies. (see L. A. U. K. Transactions and proceedings. V. 3. Lond. 1881. p.114-16, 169-173.)

There are already good bibliographies of many subjects in existence, and if these could be indexed, we should have a good substitute for the subject-index or universal catalogue. Compare E. C. Thomas & H. B. Wheatley. A proposed subject-index to bibliologies and bibliographies. Monthly notes of the L. A. U. K. I:91-95.

(67

1881, Jan.

Hubbard, J. M.

The Public library again. How the interests of its patrons may be best served.

L. j. 6: 11-13.

In criticising the management of the Boston public library, the author suggests that a system of cooperative cataloguing be adopted. There is no reason why 100 libraries should all do the same work on every new book, when one could do it as well for all the others.

Reprinted from the Boston Sunday herald, Dec. 19, 1880.

(68

1881, Dez.

Narducci, E.

Catalogo generale alfabetico dei libri stampati delle Biblioteche d'Italia.

Neuer Anzeiger 1880 I, no.1087. 378-83.

Plan for a general catalogue for the public libraries in Italy.

(69

1882, June.

Stetson, W. K.

Co-operation again.

L. j. 7: 106.

A proposition to libraries about Holliston, Mass., to unite and print a joint catalogue, which would result in great saving of printers' bills, the saving enabling the libraries to insert subject references and brief notes in the catalogue.

Favorably commented upon by L. j. in v. 7: 103-4.

(70

1883.

Marducci, Enrico.

Dell' uso e della utitita di un catalogo generale delle biblioteche d'Italia. Religione e proporta a S. E. il Sig. Comm. Prof. Guido Bacelli Ministro della Istruzione Pubblica seziuta della prima sillaba della stesso catalogo per cura di E. N.

19+169 p. G. Rome 1883.

The author presents anew the plan, which he already proposed in 1867, to make by means of co-operation an alphabetical catalogue of all printed books in the libraries of Italy.

Reviewed in Centralb. f. B. v. 1:75-6.

(71

1884.

Garnett, Richard.

The printing of the British museum catalogue. (see L. A. U. K. Transactions and proceedings, v.4. Lond. 1884. p.120-128.)

To support the Museum catalogue is to take a long step towards the attainment of the still grander object of a universal catalogue. It will form a base of operations.

Reprinted in his Essays in librarianship and

bibliography. London 1899, p. 67-86.

(72

1884,

Kochendorffer, Karl.

Ein gesamt katalog der deutschen bibliotheken.

Preussischejahrbucher, 54 (heft 2):168-74.

It would not be sufficient to gather the catalogues of all the libraries of the country together at one place. They must all be indorporated into one "einheits-katalog", and this is not possible as long as the catalogs are in manuscript. It is however practicable without any difficulty through the printed catalogue cards of all the libraries. Hier liegt der kernpunkt der ganzen frage uber den druck der kataloge.

(73

1884.

Treitsche^k, Heinrich von.

Die konigliche bibliothek in Berlin.

Preussische jahrbucher, 53: 473-92.

In spite of all inconveniences, it is an invaluable good luck that our book-treasures are scattered over many small centers of culture. But there ought to be at least one place in Germany where the scholar might learn what he had to look for in the different book-collections; to that end the catalogues of printed books (and furthermore, of manuscripts) ought to be centralized.

Plan discussed by Dziatzko in Centralb. f. B.

v. 1: 261-67.

(74

1884, Jan.

Forsteman, Karl Edward.

Die verbindung zwischen den deutschen bibliotheken.

Centralblatt fur Bibliothekswissenschaft v.1:6-12.

Paper on the necessity for libraries in Germany to know each other and to help each other, especially in reference to the making of catalogues and bibliographies.

(75

1884, April.

Stetson, W. K.

On A. L. A. catalogue.

L. j. 9: 71.

A suggestion of having a catalogue of standard works (e.g. the 5000 selected for A. L. A. catalog) printed in many copies on the standard cards, this to serve as a nucleus and encourage many libraries to keep up a well made catalogue.

(76

1884, May.

Hartwig, Otto.

Dissertationenkatalog der Bibliotheque Nationale

C. f. b. v.1: 167 & 203.

Announcement that the catalogue of French university monographs and theses, published by Klincksieck in Paris is being printed only on one side of the page, on very thin paper, so that the titles may be cut out and mounted on cards.

(77)

1884, July.

Dziatzko, Karl

Die Centralisation der Katalog^e deutschen Bibliotheken.

C. f. b. .1: 261-67.

Disapproves of Heinrich von Treitsche^k's plan of having all the royal libraries in Germany furnish a copy of their catalogues to be kept in a central place, and recommends a printed catalogue, embracing all public libraries in Germany, whereof a copy might be kept by any library or individual.

(78)

1884, Oct., Nov.

Stetson, W. K.

Co-operative classification.

L. j. 9:177; 191.

A beginning in cooperative cataloguing might be made in government serials, Smithsonian publications and with analyticals for sets.

(79)

1885, Jan.

Co-operative indexing in chemistry.

L. j. 10:8.

Report of the committee appointed at the Montreal meeting of the American association for the advancement of science, to devise and inaugurate a plan for the proper indexing of the literature of the chemical elements. Assurance of co-operation with Smithsonian Institution reported. Report concludes with a list of indexes to chemical literature.

(81

1885, Dec.

Carolsfeld, Franz Schnorr von.

Ein gesamtinventar der alteren deutschen gedruckten litteratur ein erfoderniss der litteraturgeschichtlichen & historischen forschung.

C. f. b. 2:500-504.

On the importance of a complete catalogue of all German printed books from the beginning of printing to

the close of the 17th century.

(82

1886, Febr. 18.

Fletcher, W. J.

Co-operative cataloging.

Nation 42: 147.

Time must come when libraries no longer provide subject-catalogues of their own. Each must have a list of its books (author catalogue) but in place of subject-catalogues we shall have printed bibliographies of subjects issued for the most part periodically, serving equally for one library or another.

Also noticed in L. j. 11:74-5 and Science 7: 156.

(83

1886, June.

Co-operative cataloging.

L. n. 1: 20.

Circular issued by the Cooperation committee of A. L. A. giving as object for the cooperation scheme the preparation and printing of such catalogues and indexes as will serve to relieve the individual libraries of a considerable share of the labor and expense of the present system. Prominent among such indexes most needed are the much talked-of index to essays and to other monographic general literature and a scientific subject index to complement the Royal ~~society~~'s author catalogue.

Printing of cards, covering such current books as are received by most libraries is also contemplated and for this purpose it is proposed that a section of the A. L. A. be organized as a publishing society with membership residing in libraries as such rather than in their offices as individuals.

(84

1836, Oct.

Origin of the A. L. A. publishing section.

L. n. 1: 101-7.

The most important outcome of the Milwaukee meeting was the final organization for actual work of the cooperative cataloguing and publishing idea. First steps towards the A. L. A. index.

(85

1888.

Nizet, Francois.

Projet d'un catalogue ideologique des periodiques, revues & publications des sociétés savants. 30 p. O. Brussels 1888.

Proposes to form a general international catalogue of periodicals arranged according to his system, i.e. by alphabetic arranged catchwords. To bring this about, agreements would have to be made between the different governments.

Reviewed by W. Sch. in C. f. b. 5:220-21 & 569-70.

(86

1888.

Nizet, Francois.

Notice sur les catalogues de bibliotheques publiques.

Ed. 3. 63 p. O. Brussels 1888. (Ed.1, 1887, 24 p.

Ed. 2, 1887, 30 p.)

Calls special attention to the advantages of a "catalogue ideologique" where the works are arranged according to the word that will best make evident the character of the work. Victor Chauvin (reviewing the pamphlet in C. f. b. 5:233-35) recommends the method, urges him to publish his catalogue; if other libraries would follow his example, it would be the beginning to the realization of the much needed universal bibliography.

Also reviewed by W. Sch. C. f. b. 5:147.

(87

1888, Oct.

Garnett, Richard.

The past, present and future of the British museum catalogue.

Universal review, 1888:241-53.

Recommends the reprinting of the British museum catalogue with the accessions at regular intervals. The world would then have the nearest approach to a register of all literature that, in the absence of any feasible scheme for a universal catalogue by co-operation among public libraries, it seems likely to obtain. Even this project might be promoted if the public libraries would

take the Museum catalogue as a basis, and publish lists of such of their own books as are not to be found in it.

Reprinted in his Essays in librarianship and bibliography, London 1899, p. 87-108.

(88

1888, Oct.

Growoll, A.

Some notes on co-operative or labor saving methods of printing library catalogues. I.

L j. 13: 280-82.

Outlines the plans of C. C. Jewett & W. D. Cooley, quotes a letter from Justin Winsor on the scheme for multiplying copies of card titles used in Boston public library and refers to H. Stevens' plan of Photo-bibliography.

In another paper an account of experiments in making catalogues by means of "Title-slip registry", photo-process and of separate electrotpe titles.

(89

1889, Dec.

Utley, H. M.

Catalogue printing from cards.

L. j. 14:466-7.

An experience in printing a special catalog, using the card catalogue of the library for printer's copy. *(Detroit Press.)*

Result very satisfactory. A similar venture by Mr. Carr

of Grand Rapids public library also favorably reported.

(90

1890

Grasel, Arnim.

Co-operative cataloging. (See his Grundzuge der bibliothekslehre. Lpz. 1890 p. 375-8.)

Short history of different experiments and plans of co-operative cataloging. Good bibliographical references.

Enlarged and brought up to date in the French edition, translated by Jules Laude. Paris 1897. p.467-73.

(91

1891.

Hasselbrink, F.

De la creation d'une bibliographie internationale comprenant aussi les pays dont la litterature est peu repandue.

Mentioned as a paper to be read in the programme of the Conference du livre, at Antwerp, August 1890, but not found in its "Compte-rendu".

(92

1891.

Merzbach, Henri.

Création de bibliographies nationales. Compte-rendu de la première session de la Conference du livre tenue a Anvers du mois d'Aout 1890. Antwerp, 1891. p.106-15.

Urges the necessity of national bibliographies, an international bibliography being too huge a task to be realized. Discussion following. See also p. 188-90 and 265.

(93

1891, July.

Borden, W. A. & Stetson, W. K.

Printed cards for catalogues.

L. j. v.16: 209.

A third proposal to furnish printed catalogue cards by co-operation. The old attempt of cataloguing everything to be abandoned and the cataloguing limited to the most costly books, those requiring analysis. Outlines of the plan and rules to subscribers stated.

Endorsed by L. j. in editorial v.16: 200.

(94

1891, Dec.

Fecamp, Albert.

Projet d'un catalogue general annuel des acquisitions des bibliotheques universitaires.

Revue des bibliotheques 1: 417-32.

The best way to realize the idea of a union-catalogue for the university libraries of France is to start an annual union catalogue of the new accessions. "Le rests viendrait plus tard en son temps et viendrait meme peutetre d'autant plus vite, comme on le verra ci-

dessous."

(95

1892, May.

Growoll, Adolf.

Some notes on co-operative or labor-saving methods of printing library catalogues. II.

L. j. 17: 157-61.

Reviews the different experiments in making catalogues by means of "Title-slip registry", photographic process, linotype process, and by the method projected by Prof. C. C. Jewett. Suggests establishment of a cataloguing bureau to prepare titles on a uniform system to be determined by a committee of representative librarians and specialists. To these titles might be added library numbers and descriptive notes, on the plan suggested by Mr. G. Iles. The titles to be treated in this way to be subscribed for by enough libraries to cover the cost of production, plus a reasonable margin for maintaining the agency.

(96

1893.

Campbell, Frank.

The battle of bibliography.

Library 5: 120-24.

"An extended summary of part of a paper ("Bibliography backwards") read before the L. A. U. K. Febr. 1893,

in advocacy of compulsory national book-registration and printed periodical class-registers forming special bibliographies."

Reprinted in his Theory of national and international bibliography. London 1896. p. 229-40.

(97

1893.

Garnett, Richard.

The British museum catalogue as the basis of an universal catalogue.

Library v. 5: 93-6.

If the universal catalogue is ever to be attained, we must take the printed catalogue of that library which most nearly approaches universality as a basis and we must appeal to the administrators of other libraries to supplement its deficiencies.

The printed Museum catalogue comprises a very great majority of the books which it is really important to catalogue, and those, desiring an universal catalogue, should accept the British museum catalogue as a temporary substitute and labor to perfect it by co-operation.

(Communicated to the Fifteenth Annual Meeting of the Library Association. Paris, Sept. 1892.) Reviewed in C. f. b. 10: 113-14.

Reprinted in ~~Garnett Richard~~^{his} Essays in librarianship and bibliography. London 1899. p.109-14.

(98

1893.

Heinemann, O. von & Milchsack, Gustav.

Instruction für die bearbeitung des alphabethischen
zettelskatalogs in der herzoglichen bibliothek zu Wolfenbuettel,
nebst erläuterungen & beispieleⁿ. 35 p. tab. 0.

Wolfenbuettel, 1893.

The "Erläuterungen & beispiele", written by Dr.
Milchsack discuss the advantages of printed cards. The
system in use at this library was exhibited at the World's
fair and described by Miss Lodilla Ambrose in L. j. 18:
502, in her paper "The German exhibit at the World's
fair".

(99)

1893, Aug. 31.

The librarians at Chicago.

Nation 57: 150.

Favorable comment upon the Rudolph indexer and the
plan of the Indexer ~~company~~ of establishing a central
cataloguing bureau, by which titles of new books can be
furnished to libraries as soon as the books are published.

(100)

1893, Dec.

Central card cataloguing.

L. j. 18: 508-10.

Review of the different schemes for a central
catalogue of printed cards, especially the Title slip

registry, issued 1879 and a series of catalogue cards issued in 1887 by Publishers' Weekly and Publishing section of A. L. A. Announcement of two rival plans for supplying printed cards; one by Rudolph indexer Company, the other by Library bureau. Detailed explanation with illustrative samples of the respective projects.

Editorial comments L. j. 18: 497-8; 19:3.

Discussion on the Rudolph indexer and Library bureau printed cards at the meeting of Massachusetts and N. Y. Library clubs. - L. j. 18: 514-15; 19: 20-22.

(101

1894.

Cambridge (Mass.) Botanical supply co.

Bibliography of American botany. (See its Catalogue of botanical supplies p.29.)

Publish monthly on standard cards an author catalogue which is intended to include all current literature relating to American botany, wherever published. The matter is prepared by a board of editors, which includes the leading botanists of Columbia university, The National herbarium and other institutions. An edition by subjects is in preparation.

(102

1894.

Picot, Georges.

Rapport presente a M. le ministre de l'instruction

publique...au nom de la commission des bibliotheques...
chargee d'examiner l'etat de l'inventaire des livres imprimes
de la Bibliotheque nationale et les moyens d'en effectuer
l'impression. Paris, 1894.

Quoted by Milkan, Centralkataloge, p.2.

(103

1894.

Schwalbe, B.

Ueber wissenschaftlichen fach-literatur & die mittel
dieselbe allgemein & leicht zu ganglich zu machen. 33 p. O.
Berlin 1894.

Reprinted from Central-organ fur die interessen
des realschulwesens, 1894.

(104

1894.

Zelbr, Karl

Memorandum betreffend die anlage eines generalkataloges
der offentlichen & studien-bibliotheken Oesterreichs, sowie
die centralisirung des bibliothekswesens in den grosseren
Stadten der monarchie. 8 p. O. Brunn, 1894.

Points out the advantages of a general catalogue,
giving short title of all German books printed since
1800 in Austrian libraries.

Review in C. f. b. 11:417.

(105

1894, June.

Banning & others.

D'un catalogue general des bibliotheques; per Ferd.
Vander Haeghen.

C. f. B. 11: 289-91.

Mr. Vander Haeghen has at a session of the Academie royale des sciences etc. de Belgique introduced the subject of a general catalogue for public libraries. A committee of four was appointed to consider the matter; in the above report they speak very favorably on the project and submit plans for the organization of an international bureau of bibliographie.

Reprinted from Bulletin de l'Academie royale des sciences etc. de Belgique, 1894, no. 3, 397.

In Bulletin de l'Academie 65 Annee, 3e serie, tome 29, p.763-69, is another discussion on the subject.
See C. f. B. 12: 428.

(106

1894, July.

Josephson, A. G. S.

International subject bibliographies.

L. j. 19: 226-27.

In order to remedy the shortcomings of trade- as well as special bibliographies in regard to scientific literature, the plan of Prof. Sombart is recommended: viz., the establishment of international bibliographical bureaus founded and endowed by respective governments.

A well elaborated general plan of cooperation was needed, for as the matters stood, every bibliographer worked for himself, maintaining no connection with his fellow workers. Great monumental works were not used as much as shorts lists of the latest and most useful literature in special fields of science, the crowning point of the work always to be the "subject bibliography".

An international library association should be organized and a central bureau established in connection with one of the great American libraries and in preparing bibliographies, beginning should be made with a comparatively new subject or department of knowledge, so that it could be from the first of practical use and mastered with some degree of completeness. Thus it would be possible to represent both sides of modern library development: centralization with specialization.

(107

1894, August 4.

R., P.

Un projet de catalogue general des bibliotheques publiques.

Revue bleue 1894, 2: 155-57.

Calls attention to a project of M. F. Vander Haeghen for a general catalogue or bibliography of works in the French language. This scheme is a result of his experience in compiling the Bibliotheca Belgica and other noted bibliographic works. An international commission should be empowered to carry out the work, and subject matter

for it be secured by first collating all accessible bibliographical works and printed catalogues. Each title is to be printed on separate slips or cards so it may be inserted in its proper alphabetical order when received by each library.

Translated by G. W. Cole in L. j. 19: 334-36.

(108

1895.

Campbell, Frank.

The bibliography of the future.

Library 7: 33-48.

Discusses the present disorder of bibliography, and its causes, and draws the programme for the future: the institution of (1) Training school for librarians, (2) Fund in support of modern bibliographical research, (3) National bibliographical bureau.

Read before the annual meeting of the L. A. U. K. Belfast. Sept. 1894.

Reprinted in his Theory of national and international bibliography. London, 1896. p.241-259.

(109

1895.

Campbell, Frank.

Memorandum relative to the need for special bibliographical societies, with an appendix on the division of the stream of literature.

(See his Theory of national and international bibliography
London, 1896. p.261-72.)

A paper submitted to the Library association, Sept.
1894, in illustration of The bibliography of the future.

(110

1895.

Campbell, Frank.

"L'institut international de bibliographie."

Library 7: 341-6.

A short account of the first bibliographical conference and of the institute, emphasizing its importance with resolutions of the conference attached.

Reprinted in his Theory of national and international bibliography. London, 1896. p.332-41.

(111

1895.

Descamps, Ed.

Discours de cloture de la conference bibliographie
internationale.

Speech by the president of the first bibliographical conference at Brussels containing the resolutions adopted and comments upon them.

(112

1895.

Fumagalli, Giuseppe.

La conferenza internazionale bibliografia di Bruxelles
e il repertorio bibliografico universale.

Revista delle biblioteche e degli archivi, 6:129-33.

Report on the Brussels conference and on the Institut,
discussing the D. C. and the universal bibliography.

(113)

1895.

La Fontaine, H. & Otlet, P.

Création d'un répertoire bibliographique universel, note
preliminaire.

Bulletin Institut de bibliographie 1: 15-38.

The object of the article is to explain the
organization and function of the Office and to show how
the extension and generalisation of its services bring
the most advantageous solution of the problem of a
universal bibliography.

(114)

1895.

Nachrichten aus dem buchhandel, 1895, 2: 1876 et seq.; 1885
et seq.

Quoted by Milkan^u, Centralkataloge p.6. Account of
a meeting of the Association artistique & littéraire
international at Dresden, Sept. 24, 1895, where at the
motion of M. Jules Lermina, it was resolved to work for
the establishment of a universal bibliography of science,
literature and art.

(115)

1895.

Otlet, Paul.

(La) statistique internationale des imprimes. Quelque sondages.

B. I. I. B. 1:300-19.

Some statistics in connection with the universal catalogue. "Die art, in der M. Otlet eine reihe zum theil kaum hierher gehorender daten in einen beitrag zur beantwortung dieser frage vereinigt hat, zeigt klar, wie gering er ihre bedeutung ausschlagt." Milkau, Central-kataloge p.21.

(116

1895.

Rapport sur la reforme de la bibliographie scientifique.

Association française pour l'avancement des sciences.

Compte rendu de la 24me session. V.1: 167-74.

Report of a commission appointed by the association on rules for titles of scientific papers so as to facilitate bibliographic research.

(117

1895.

Stein, Henri.

La conference bibliographique internationale de Brussels.

Revue internationale des archives, des bibliotheques & des musees - Bibliothèques 1895, p.29-33.

Writer is sceptical as to aspirations of the Office
international de bibliographie.

(118)

1895.

Vander Haeghen, Ferdinand.

D'un catalogue général des bibliothèques publiques.

Brussels 1895.

Here are several articles from the Bulletin de l'
Academie royale des sciences etc. de Belghiques, brought
together: sessions Dec. 4, 1893, March 5 & April 7,
1894, and May 7, 1895. Quoted by Milkan, Centralkataloge
p. 8.

(119)

1895, Febr. 15.

Bowditch, H. P.

A card catalogue of scientific literature

Science .1: 182-86.

Statement of the wide spread feeling of dissatis-
faction with the existing methods of cataloguing scientif-
ic papers, followed by the circular, sent out by the
Royal society to various universities and learned socie-
ties for advice as to the feasibility of maintaining by
international cooperation a complete catalogue of current
scientific literature. The reply of Harvard University
also given.

(120)

1895, March.

Co-operation in the cataloguing of scientific literature.

L. j. 19: 81-84.

An account of the correspondence from the Royal society and the report of the committee of the university council of Harvard university to consider the communication of the Royal society.

(121

1895, March 15.

McGee, W. J.

Catalogue of scientific literature.

Science . . . 1:353-55.

Endorsement of the plan for a card catalogue of scientific literature recommended to the Royal society by Harvard university, with suggestions in regard to the relation between the Royal **society** on the one hand and publishers and authors on the other hand.

Embodied in a report by the Geological society of America to the Royal society.

(122

1895, March 15.

Todd, Henry Alfred.

A card catalogue of scientific literature.

Science .1: 297-99.

Favors the great movement of the projected catalogue of scientific literature. Attention called to a brief

circular advocating a similar enterprise, printed by the writer in the summer 1894, the "Uniform card memorandum index". Recommends the Smithsonian institution to assume the American leadership of the movement, and that publishers print on slips of the standard size No.33LB summaries of their current publications for distribution as publishers' announcements.

(123

1895, April 12.

Billings, J. S.

A card catalogue of scientific literature.

Science . . . 1:406-8.

Acknowledges the demand among workers in and upon various branches of science of an index catalogue to the books and papers relating to the subjects in which they are interested, but questions, if the benefits to science and humanity resulting from such an index, would be so great as to make it the duty of any existing scientific body or institution to incur the great expense of taking charge of the matter or to contribute largely to its support. Insists upon the necessity of considering the proposed schemes from the practical business point of view.

(124

1895, April 19.

Goode, G. Brown.

The ideal index to scientific literature.

Science v.1: 433-37.

Considerations as to how the plan of cataloguing scientific literature may best be accomplished, emphasizing particularly: that the catalogue should be international in name and scope, that it should be exhaustive within its own limits, that it should be printed in annual installments with titles arranged alphabetically by authors, and with subject index of the most exhaustive character.

(125

1895, May.

Cooperation in the cataloguing of scientific literature.

L. j. 20: 172-73.

Communication from W. P. Tatham, chairman of the committee on library of Franklin institute, Philadelphia, to the Royal society of London, in reply to the circular (see above) issued by the Society.

Suggests that the work begins "with the new century" Jan. 1, 1901, the intervening time being necessary for preparation; the advisability of maintaining in a dozen or more of the principal centers of learning of the world a complete catalogue in the form of a great card index, constantly kept up to date; recommending rational arrangement, so portions of the catalogue pertaining to any particular branch of science might be obtained separately.

(126

1895, May 16.

Reform in bibliography.

Nature 52: 59.

Note on a meeting devoted to the question of bibliographic reform held by the Linnaean society of Bordeaux April 26.

(127

1895, May 22.

Hale, Horatio.

An international scientific catalogue and congress.

Science . . . 1: 324-26.

Response to the circular of the Royal society, favoring the Royal society as the Central bureau and directing authority with "aid bureaus" in various countries, contributing to the scheme. Recommends general meetings, annual or as often as might be found most convenient, of representatives of all the contributing bodies, which would constitute an International Congress of Science. Advises the creation of a special Bureau of Scientific Correspondence, to which any member of contributing body might apply for information on questions of facts.

(128

1895, June 28.

Report of the International catalogue committee of the Royal society.

B. I. I. B. 1: 107-12.

(129

1895, July 12.

Ramsay A.

(A) Bibliography of scientific literature.

Science . . .2: 48-50.

Explanation of a plan which the writer has been steadily working out for the last 35 years. It embraces: (1) A bibliography, classified according to subjects arranged: (a) according to the year of publication and (b) alphabetically under each year according to the name of the author; (2) An index, which, although arranged alphabetically, is classified in groups, the object being to amalgamate the various subject indexes into one general classified index; (3) A systematised collocation of facts grouped according to their relationship to each other.

(130

1895, July 19.

Josephson, Aksel G. S.

An international congress of bibliography.

Science . . .2: 74-5.

A review of the writer's paper on "International Subject Bibliographies", printed in L. j. July 1894, with additional stress upon the advisability that the word SCIENCE should be taken in its very broadest aspect together with a suggestion, that the proposed International congress of science should be narrowed down to International congress of bibliography, and that there

should be started at once a committee to consult with interested bodies and persons both in America and Europe.

(131

1895, July 19.

Weeks, F. B.

A card catalogue of scientific literature.

Science N. S. v.2: 75-77.

The writer has been engaged in preparing a bibliography and index of North American geology, paleontology, and mineralogy and offers as suggestions on the practicability of a card catalogue of scientific literature, that such a work should be published in book form after the close of each year and contain a bibliographic catalogue and a subject index. An international committee might be selected to determine the scope of the work, the languages in which it is to be printed, the persons who are to be in charge of its preparation, but each country should select a person to prepare a bibliography and index of its scientific literature, the manuscript to be forwarded to the central office to be put in final form. The catalogue should be published not only as a whole but should be so prepared as to be separated into different parts for distribution to subscribers. Specimen cards illustrating the plan are given.

(132

1895, Aug. 30.

International conference of science.

Science N. S. v.2: 258.

Announcement of an international bibliographical conference to be held in Brussels Sept. 2-4, 1895, for the discussion of (1) The foundation of an international institute of bibliography. (2) The adoption of an international and universal classification of bibliography. (3) The publication of an universal bibliographical Repertoire by an international bureau, which shall seek the cooperation of all existing bibliographical agencies. (4) Proposal to various governments to establish an international bibliographical union.

(133

1895, Sept.

Cooperative cataloguing of scientific literature.

L. j. 20: 308-10.

Science N. S. v.2: 154-57.

Nature, 53: 385-6

Report of the international catalogue committee appointed by the Royal Society of London. The circular was sent to 207 societies and more than 100 replies were received. No doubt expressed as to the value, and only two or three corresponding question the possibility of carrying it out. The importance of subject catalogues generally recognized. No precise information as to the best mode of putting the scheme into operation is to be

gathered from the replies. With great unanimity the opinion is expressed that English should be the language of the subject catalogue. It is urged that an international congress be held to discuss plans, and the committee request the president to take measures with the view of calling together in July 1896 an international conference, probably at London.

(134

1895, Sept. 17.

Creation a Bruxelles d'un office international de bibliographie.

Moniteur belge Sept. 17, 1895.

Report of the Belgian minister of public instruction to the king on the international bibliographical conference and its desire for the establishment of an international office of bibliographie, and the decree of King Leopold II to that effect.

Reprinted in B. I. I. B. 1: 58-61.

(135

1895, Oct.

A bibliographical conference at Brussels.

L. j. 20: 346.

Held at the Office internationale de bibliographie, Sept. 2-4. Recommended the integral adoption of the Decimal classification by bibliographers throughout the world. Agreed that the Office should be, above all,

an exclusively scientific association. Its functions are to include the classification and description of the products of human thought - to determine the unites bibliographiques, so as to facilitate and perfect the uniform and scientific character of the international classification.

Also noticed in C. f. b. 12: 481-82.

(136

1895, Oct.

Carolsfeld, Hans Schnorr von.

Gedruckte Katalogzettel.

C. f. b. 12: 448-52.

* Approving remarks upon the printed title-slips accompanying the publication of Smithsonian institution, followed by a detailed explanation of aplan to utilize the "Woehentliche verzeichniss" from the Hinrichsschen buchhandlung in Leipzig for cataloguing purposes.

(137

1895, Oct.

Fumagalli, G.

La conferenza internazionale bibliografica di Bruxelles e il repertorio bibliografica universele.

Révista delle biblioteche e degli archivi 6: 129-33.

Paper upon the bibliographical conference in Brussels with favorable comments upon the plans laid out by the Institut international.

Materially the same in C. f. b. 12: 522-25.

(138

1895, Nov.

Hartwig, Otto.

C. f. b. 12: 525.

Critical remarks upon the decisions at the International congress in Brussels Sept. 2-4, 1895, and upon the resolution at the "Dresdeher internationalen kongress zum schutze des geistigen eigentums an schrift- und kunstwerken" to consider the making of a universal catalogue of all works in science, art and literature. "Man sollte erst nationale bibliographien schaffen... und dann erst an die internationale bibliographie herantreten.

(139

1895, Nov. 15.

Bibliographia. zoologica & anatomica.

Science 2: 656-7.

Report be the committee appointed by the American society of naturalists (Dec. 1894) to consider Dr. H. H. Field's plans for bibliographical reforms particularly in regard to existing records of zoological literature.

(140

1895, Nov. 30.

Kelvin, William Thomson, Lord.

Anniversary address. ^{see} (London Royal society. Proceedings v.59:111-13.)

Description of the steps that have been taken towards the publication of an index of scientific literature.

Also noticed in Nature 53: 110-12 and Science v.2:849

(141

1895, Dec.

Andrews, Clement W.

International bibliography of scientific literature.

L. j. 20: C25-7.

Discusses the circular of the Royal society and the answers to it. Question of management is of no importance. Federation scheme most practicable. The index in card form too bulky. Refers to the methods used by Repertoire bibliographiques des sciences mathematiques, to the indices to the literature of photography, of the Agricultural department at Washington, on botany publications at Cambridge, and to the bureau at Zurich.

Read at the Denver conference of the A. L. A. Aug. 13-16 & 21, 1895. For the discussion of the conference on this subject see L. j. 20:C63-71.

(142

1895, Dec.

Field, Herbert Haviland.

Bibliographica zoologica.

L. j. 20:C29-30.

Author has spent three years in the work of indexing the literature of zoology of the Naples zoological

Station and at the suggestion of the director he has undertaken the work of elaborating an international scheme for this work in zoology. Presents here the plans for the central bibliographical bureau of zoology and comparative anatomy to be established at Zurich Jan. 1896. Bureau to issue a fortnightly bulletin, divided into a series of chapters, each dealing with a specific group or topic, and an author card catalogue of the smaller L. b. size, bearing classificatory symbols of such nature that they can readily be placed in a subject index... (Read at the Denver conference of the A. L. A. Aug. 13-26, 1895.)

Materially the same article in Science 2: 234-37.

(143

1895, Dec.

Nelson, Charles Alexander.

A general catalogue of American literary periodicals.

L. j. 20: C30-31.

The writer is a member of a committee, appointed by the New York library club to formulate a scheme for making a catalogue of possibly all periodicals published in the U. S. Propose to begin in New York and make as full list as possible, send it to Washington and there have added all that can be secured in that section, and then to other sections, and ask all interested to cooperate in giving the titles of periodicals published in each section, and secure a general editor.

Read at the Denver conference of the A. L. A. Aug. 17-26, 1895. See also Library Journal 20: 213, for report of the meeting where this subject was discussed by the club.

(144

1895, Dec.

Rowell, Joseph C.

A subject index to science.

L. j. 20: C27-8.

Proposes to include in the index only such publications of learned societies and institutions, and serials and continuations issued by government universities, zoological stations, etc. as are printed in Latin or in a Romance or Teutonic language. The index to be issued printed and in book form, composed of an alphabet of authors and one of topics, only original article with translation to be noted, with cross references from corresponding words in foreign languages. Subject headings to be printed in the language of the country where the work is inaugurated. Thinks two indexers could carry on the annual work, salaries to be paid by government, or some well endowed society.

Read at the Denver conference of the A. L. A. Aug. 13-16 & 21, 1895.

(145

1896.

(The) analytical card catalogue of current zoological literature.

B. I. J. B. 1: 121-126.

Concilium bibliographicum opibus complurium nationum institutum has been established in Zurich under the direction of H. H. Field. The essence of the whole undertaking consists in applying American library methods to a system of universal cataloguing.

(146

1896.

Bonnange, Ferdinand.

Projet d'un catalogue general unique & perpetuel des imprimes compris dans les bibliotheques nationales et les bibliotheques municipales. Memoire explicatif des moyens a employer pour accomplir ce grand oeuvre, l'imprimer et le mettre au jour des l'ouverture de l'exposition universelle de 1900. 13 p. O. Corbeil, 1896.

M. Bonnange advocates the realisation of a general catalogue of all the printed books contained in the national and municipal libraries of France, pointing out the lines of action and the way to defray the expenses in connection with the work.

(147

1896.

Campbell, Frank.

The bibliography of periodical literature.

Library 3: 49-64.

The indexes (Poole's, the Co-operative, Miss Hetherington's) refer to mixed literatures, to a selected number of periodicals (chiefly popular ones), to a selected number of articles; they refer mainly to the specific subject, and necessary contain very abbreviated titles... But they do not and cannot supply the need of author, title, and subject catalogues.

Read before the 18th annual meeting of the L. A. U. K. Cardiff. Sept. 1895. Reprinted in his Theory of national and international bibliography. London 1896 p. 89-111.

(148

1896.

Campbell, Frank.

The theory of national and international bibliography, with special reference to the introduction of system in the record of modern literature. 16 + 500 p. 0. London, 1896.

The governments throughout civilization should take in their hands the recording of national literature from year to year. The main divisions of literature are those of "general literature" and "official literature"; how these two kinds of literature should be recorded bibliographically, and even published, is stated in the first

section of the book. The second, third, and fourth sections consist of monographs on minor points in bibliography contributed to various periodicals.

Reviewed by C. A. Cutter in L. j. 21:467-8, by A. G. S. Josephson in Public libraries 2:27, in Athenaeum 1897, 1:311 and in Rivista delle biblioteche e degli archivi 7:128.

(149

1896.

Concilium bibliographicum opibus complurium nationum Turici institutum. 8 p. O. Zurich 1896.

A pamphlet descriptive of the work of the bureau at Zurich. Quoted by Milkau, Centralcataloge p. 109.

(150

1896.

Dauze, Pierre.

Une clef catalographique internationale.

B. I. I. B. 1:101-104.

Voices the importance of adopting uniform terms (abbreviated) in all languages for description of copy, imprint, etc.

Reprinted from Revue bibli- iconographique 12 Oct., 1896.

(151

1896.

(Les) fiches bibliographiques annexées aux livres nouveaux.

B. I. I. B. 1:334.

Since the establishment of the Institut several publishers have commenced to append samples of catalogue cards to all their new books.

(152

1896.

Field, H. H.

Das geeigneteste format der bibliographischen zettel.

B. I. I. B. 1:202-204.

Discusses the different sizes of catalogue cards in use, defending the smaller size 75 x 125.

(153

1896.

Field, H. H.

Les fiches du repertoire bibliographique universel.

B. I. I. B. 1: 67-72.

A letter explanative of the size, editing and publication of the zoological catalogue cards, giving the reasons for the particular format adopted.

(154

1896.

Gariel, C. M.

Exposé des propositions votées par le congrès de
l'association française pour l'avancement des sciences.

Bordeaux août 1895.

B. I. I. B. 1: 62-66.

The association had appointed a commission to consider the possibility of a universal bibliography. The conclusions adopted from their report is given in this paper, which is a communication from the Secretary of the association. The report of the commission is printed in Informations & documents divers de l'Association française no. 73.

(155)

1896.

L'institut internationale de bibliographie, Les trois derniers mois.

B. I. I. B. 1: 158-165.

Review of the interest created and general progress during the last three months.

(156)

1896.

L'institut international de bibliographie, premier résultats.

B. I. I. B. 1:49-57.

An enumeration of the results obtained by the Institut during the first four months of its existence.

(157)

1896.

The international conference of the Royal Society.

B. I. I. B. 1: 182-88

Letter from the chairman of committee, H. E.
Armstrong to the delegates of the forthcoming International
conference.

(158

1896.

(An) international index of scientific literature.

L. 8: 364.

A resume of the proceedings of the international
conference held under the auspices of the Royal Society,
July 14, 1896.

(159

1896, Sept.

Conference on bibliography held at Florence Sept. 1896.

L. 8: 565.

On the initiative of the Associazione tipografico-
libreria italiana, discussing the resolutions of the
International bibliographical conference at Brussels,
Sept. 1895. (Also in Revue internationale des archives,
des bibliothèques & des musées, 1896, no.9:198-9.)

(160

1896.

Junker, Carl.

Ein allgemeines bibliographisches repertorium & die
erste internationale bibliographische conferenz in
Brüssel 1895. 34 + 1 p. O. Wien 1896.

A brochure endeavoring to make known to a large
circle of German readers the work originated by the
conference at Brussels. Reviewed by O. Hartwig, in
C. f. B. 13: 266, by Ferdinand Eichler in C. f. B. 13:
424-25, and by F. Boll in Beilage zur Allgemeine zeitung,
Munchen, 1896, April 8, no. 81: 6-7.

(161

1896.

Langlois, Ch. V.

A propos de l'Institut international de bibliographie.

Revue internationale des archives des
bibliotheques & des musees.-

Bibliotheque 1:97-125.

It is, says Milkau (Centralkataloge, p.18 footnote)
"die eindringendste & sachlichste kritik, die bisher
uber die Brusseler bestrebung veroffentlicht ist". Also
noticed in C. f. B. 13: 423.

(162

1896.

Langlois, Ch. V.

Repertoires de bibliographie universelle. (In his
Manuel de bibliographie historique, pt. I 11 + 193 p. D.
Paris 1896 p.10-28.)

A chapter devoted to a summary of what has been
done towards a universal bibliography, the final
paragraph deals with "Offices' international de
bibliographie".

(163

1896

Lermina, Jules.

De la creation d'un repertoire universel bibliographique,
litteraire, artistique & scientifique & de la constitution
dans ce but d'une union entre les divers etats.

Bulletin du comite des travaux historique
& scientifique, 1896, P. 9-14.

Paper read at the Congres des societes savantes,
section des sciences economiques & sociales, Paris 1896,
advocating the forming of a universal catalogue of all
works of literature, science & art, with the ensuing
discussion.

(164

1896.

Otlet, Paul.

Le programme de l'Institut international de bibliographie
objections & explications.

Bulletin I. I. B. 1:73-100.

Stating the different objections raised against
the Institut. M. Otlet points to the work already
accomplished and to what it hoped to achieve in the
future.

(165

1896.

Simoens, G.

Quelques mots a propos de l'analyse bibliographique.

B. I. I. B. 1: 222-229.

Advocates the importance of making analyticals in
international cataloguing.

(166

1896.

Tedder, Henry R.

The catalogue of English literature scheme.

Library 3: 325-34.

Reviews the history of the scheme as it has been
from time to time before the L. A. U. K. and the Biblio-
graphical society, draws attention to the materials
ready for use, and submits some practical proposals.

(167

1896, Jan. 17.

Concilium bibliographicum.

Science 3: 96-7.

Detailed account of the official prospectus of the card catalogue of zoological literature to be issued by Concilium bibliographicum.

(168

1896, Febr. 25.

Funck-Brentano, Frantz.

L'office international de bibliographie & la classification decimale.

Correspondance historique & archeologique III:33-46.

Attacks the plans of the international bibliographical congress, and the Decimal classification. Reviewed in C. f. B. 13: 266. In Correspondance historique & archéologique, March 25, 1896, A Mareuse meets his arguments and tries to prove the advantages of the Brussels scheme.

(169

1896, Febr. 27.

The catalogue of scientific papers.

Nature 53: 385.

Review of the catalogue compiled by the Royal society of London.

(170

1896, March.

An international bibliographical bureau.

L. j. .21:106.

Short announcement, taken from "Science Gossip"
(London) of Dec. 1895, of the establishment of an
international bibliographical bureau at Zurich.

(171

1896, March.

Joachim, Johannes.

Das Brusseler (Melvil Dewey'sche) decimalsystem . (See
Dziatzko, Karl Sammlung bibliothekswissenschaftlicher
arbeiten. 1896 Haft 10, pt. 3, p. 73-78.)

Critical note on the plans of Office International
de Bibliographie and the classification system adopted
by the office.

(172

1896, March.

Polain, M. P.

Le systeme decimal en bibliographie et les publications
de l'Office international de bibliographie.

Revue des bibliotheques v.6: 65-82.

Attention called to the immense difficulties and
problems facing the Institut International de Biblio-
graphie in carrying out the project of an universal
bibliography, particularly so if the decimal system is
adopted, followed by criticism of the publications of

the institute.

(173

1896, May 1.

The international catalogue of science.

Science 3: 664.

Announcement of the international conference to be held in London July 1896, to consider the preparation of a catalogue of scientific literature, together with the suggestions of the committee of the Royal society in regard to this catalogue.

Also noticed in Beilage zur Allgemeine zeitung 1896 no. 157: 6-7.

(174

1896, May 13.

Der osterreichischerverein fur bibliothekswesen .

Beilage zur Allgemeine zeitung 1896, no. 111:8

Announcement of a meeting, held by the "verein" on the 9th of May, 1896, where Mr. Carl Junker lectured upon the Dewey Decimal system as a basis for an international bibliography, with ensuing discussion.

(175

1896, May 21.

International catalogue of science.

Nature 54: 64.

Circular issued by the Royal society announcing the International conference to consider the preparation of a catalogue of scientific literature.

(176

1896, May-June.

Grassauer, Ferdinand.

Ziele & aufgaben des modernen bibliothekswesen.

C. f. B. 13: 239-47.

Reviewing the different problems that confront the librarians of to-day, he discusses the value of a "general-katalog" and the Repertoire bibliographique universel.

(177

1896, June.

Co-operative cataloguing of scientific literature.

L. j. v.21: 276.

Circular issued by Royal Society of London to the delegates of the various nations, who have been appointed to attend the International conference on an international catalogue of scientific literature to be held in London in July.

The most noteworthy point in the proposal of the society is its suggestion "to restrict the catalogue to

branches of pure science excluding applied science".

The importance of the subject and the conference in
editorial L. j. v. 21: 263.

(178

1896, June.

The L. b. printed catalogue cards.

L. j. v. 21: 278.

Proposal by Library bureau to transfer the work of
printed catalogue cards for current literature to A. L. A.
publishing section.

Comments upon the quality and extent of the work
performed by Library bureau and librarians opinion upon
the proposed change in editorial L. j. v. 21: 316.

(179

1896, July 16 & 23.

The international catalogue conference.

Nature 54: 248-50, 272-4.

The international conference organized by the Royal
society to consider the preparation and publication of
an International catalogue of scientific literature.
Report of proceedings.

(180

1896, July 14-17.

London. International conference on a catalogue of scientific literature, 1896.

Report of the proceedings 99 p. Lond. n.d.

Published by Royal society of London.

(181

1896, Aug.

The International catalogue conference.

L. j. 21: 370-1.

Summary of proceedings and resolutions passed at the international conference organized by Royal Society to consider the preparation and publication of an international catalogue of scientific literature.

(182

1896, Sept. 5.

Schwalbe, G.

Die internationale conferenz zur vorberathung der herstellung eines internationalen fortlaufenden katalogs der wissenschaftlichen literatur auf dem gebiete der mathematik & naturwissenschaften.

Naturwissenschaftliche nurdschau 9: 462-63.

Report (with comment) of the conference. ^{in (Die)} Also Natur

1896 Nr. 1394-95.

(183

1896, Sept. 15.

Conferenza bibliografica.

Bolletino delle pubblicazioni italiane

11: LXVI-LXVII.

Discusses points that ought to be considered at the bibliographic conference to be held at Florence Sept. 25, in connection with the Circolo filologico, - especially resolutions at Brusseler conference & the D. C.

Expresses the **desirability** of a "gesamt-katalog" like the one to be published for Prussia.

(184

1896, Sept. 15.

La cooperation nationale & internationale au repertoire bibliographique universel.

Bolletino delle pubblicazioni
italiani 15 Sept., 1896.

Some points that ought to be considered at the Conference bibliographique italienne, e.g. title slips for society publications, modern bibliographical movements, etc.

Reprinted in B. J. I.B.I: 320-24.

(185

1896, Sept. 30.

Conferenza bibliografica.

Bolletino delle pubblicazioni italiane 11: LXX.

Short report on the bibliographic conference of the
Circolo filologico of Italy.

(186

1896, Oct.

L. j. editorial announcement that Mr. Lane, secretary of
A. L. A. publishing section has undertaken the task of over-
seeing directly the preparation of printed catalogue cards in
co-operation with Miss Browne.

L. j. v. 21: 440.

(187

1896, Oct.

The international catalogue of scientific literature.

Dublin **review** v. 119: 405-6.

Short review of the international conference
brought about by the Royal Society for the compilation of an
international catalogue of scientific literature.

Also noticed in Beilage zur Allgemeine zeitung
1896, no. 170: 7 & 172: 7.

(188

1896, Oct. 1.

Florenz- conferenz italienischer bibliographen.

Beilage zur Allgemeine zeitung 1896 no. 227:7-8

Short report of a meeting held upon the incentive of
prominent Italian librarians, publishers, and the
Associazione tipografico libraria Italiana to discuss

the resolutions adopted at the international bibliographical conference, Brussels 1895.

(189

1896, Oct. 6.

Nestle, E.

Katalogzettel.

Beilage zur Allgemeinen Zeitung, Munchen

1896, no. 231, p.5-6.

A letter urging German publishers to issue printed catalogue slips with their new books.

Notice in C. f. b. 13: 582.

(190

1896, Oct. 17.

Jellinek, A. I.

Bibliographia universalis.

Magazin fur litteratur, 1896, no. 42 c.

1298-1304.

Declares that the realization of the Brussels scheme would be "eines der gewaltigsten & verdienstlichsten werke aller zeiten"; deplores that it has identified itself with the D. C., which only can hamper this meritorious task.

Reviewed by "Ht." in C. f. b. 13: 581.

(191

1896, Oct. 24.

International bibliography.

Publishers' weekly 50: 714.

On the catalogue of the Royal society. It "deserves the moral and financial support of the book-trade throughout the world".

(192

1896, Oct. 28.

Junker, Carl.

Gedruckte katalogzettel.

Borsenblatt für den deutschen buchhandel,

1896, p. 6963 & 7149.

The idea of publishers issuing printed slips was propagated in the seventies by Dr. A. Karpf of Vienna, who would establish a bibliographical institute in connection with the Scientific club at Vienna, on the plan now realized by the I. I. de B. The article closes with an appeal to the German publishers to issue printed slips with their new works, who in adopting the plan will only act in their own interests.

Reviewed in Beilage zurAllgemeine zeitung, Munchen, 1896, no. 252, p. 7-8.

(193

1896, Oct.-Nov.

Junker, Carl.

Ein internationaler katalog der exakten wissenschaften.

C. f. b. 13: 505-10.

A paper on the international scientific catalogue proposed by the Royal society, giving a short history of it, and the plans and resolutions of the London conference of 1896.

(194

1896, Nov.

International bibliography in Italy.

L. j. v.21: 500-1.

Summary of the proceedings of the bibliographical conference held 25-26 Sept. in Florence by librarians and publishers of Italy for discussion of the question whether they should officially approve the bibliographical scheme proposed at the international conference of Brussels in 1895.

(195

1896, Nov.

The London bibliographical conference.

L. j. v.21: 499-50.

Resumee of M. J. Deniker's article in Memorial de la librairie Francaise for Oct. 15 on the proceedings of the international conference on scientific bibliography held in July. Traces the history of the movement

from the efforts made by the Royal Society in 1894 to obtain the necessary funds to continue its valuable "Catalogue of scientific papers" to the end of the century and to add to its author record a subject index. Takes a very hopeful view of "the great bibliographical work, which, it may be hoped, will be an honor to the 20th century".

(196

1896, Nov. 20.

Gedruckte Katalogzettel.

Beilage zur Allgemeine Zeitung

1896, no. 270: 6-7.

Favorable comment upon the request of Institut international in Brussels, presented to the "Borsenverein der deutschen buchhandler" that the German publishers print a triple title-page copy of all new publications, for the use of a card catalogue.

(197

1897.

Chilovi, Desiderio.

I cataloghi e l' Istituto internazionale di bibliografia. Osservazioni. 2 vol. Q. Firenze 1897.

Contents

Part 1. I cataloghi delle biblioteche

Part 2. I cataloghi degli editori e il catalogo perenne.

Notice by O. Hartwig in C. f. b. 14: 374-5.

Mr. Chilovi wrote in response Simbolo o segnatura?

a pamphlet of four pages, dated Florence 19 Aug., 1897.

Reply by Dr. Hartwig C. f. b. 14: 423-~~424~~.

(198)

1897.

Deuxieme conference bibliographique internationale.

B. I. I. B. 2: 110-113.

Letter of invitation to participate in the
bibliographical conference at Brussels with programme.

(199)

1897.

La deuxieme conference bibliographique internationale,
Bruxelles 2-4 aout, 1897.

B. I. I. B. 2: 169-263.

Report of the meetings and papers read at the
conference, giving the text of the resolutions adopted
in French, German & English p.169-76.

(200)

1897.

Exposition bibliographique de Bruxelles.

B. I. I. B. 2: 120-21.

Letter of invitation to the world of bibliography
& libraries to participate in a bibliographic exhibition
at Brussels 1897.

(201)

1897.

Junker, Karl.

2te internationale bibliographische conferenz, bei -J K-

Beilage zu Allgemeinen Zeitung, Munchen

1897, no. 173: 8.

Report on the meeting.

(202

1897.

Junker, Carl.

Das internationale institut fur bibliographie in Brussel.

13 p.

Seporatabduck aus: Borsenblatt fur den

deutschen buchhandel, No.1 Lpz.

2 Jan. 1897.

Pamphlet descriptive of the institute and its work, containing also a list of periodicals and daily papers, published in Germany and Austria-Hungary in which the international bibliography question had been recently discussed.

(203

1897.

Lee, Francis Watts.

Memoranda concerning the printing department, Boston public library. 30 p. Bost. 1897.

Description of the cataloguing & bibliographical work in the library, discussing also printed cards.

(204

1897.

Office international de bibliographie.

Publication no. 8 --Sectio zoologica.

Concilii bibliographici opibus complurium nationum
Turici instituti. 16 + 24 p. O. Turici, Concilium
bibliographicum, 1897.

Contents:

Reorganisatio concilii

Venditio schedularium

Systema decimale ad usum zoologia.

Indices alphabetici

Compectus melodicus.

)Editiones: anglica, gallica et germanica.)

(205

1897, January.

The A. L. A. Publishing section.

Printed catalogue cards.

L. j. 22: 21-22.

A resume of a circular sent out Dec. 1896, explaining the system of printed catalogue cards formerly carried on by the L. b. and now transferred to the publishing section.

(206

1897, Jan.

McCormack, Thomas J.

The international scientific catalogue & the Dewey

system of classification.

Monist 7: 298-300.

Notes the importance of the International conference at London and criticises the D. C.

(207

1897, March.

Publishing section. Printed catalogue cards.

L. j. 22: 147.

The circular brought & few responses that publishing section will not attempt to carry out its plan, but will continue to print cards for the current books as published.

(208

1897, March 13.

Gedruckte katalogzettel.

Beilage zurAllgemeine zeitung 1897 March 13.

The practice of adding printed catalogue cards to new books published is becoming more and more general among German publishers.

Reprinted in B.I.J.B. 2: 118-119.

(209

1897, May.

Hartwig, Otto.

Die bewegungen auf dem gebiete des internationalen bibliothekswesens.

Cosmopolis v. 6: 547-68.

Attention called to international loans of books, national and international bibliographical work, international congresses, for discussing a complete universal bibliography and the establishing of international bibliographical bureaus and councils, the results and the possibilities.

See Milkau 107.

(210

1897, May.

Later notes on the international conference.

L. j. 22: 260.

Gives plans for the international library conference and for the English post-conference trip July 13- 15, 1897.

(211

1897, May.

Invitation from the Institut international de bibliographie.

L. j. 22: 261.

An invitation was received through the secretary by the A. L. A. to participate in the bibliographic exposition and conference to be held in Brussels June 27, under the auspices of the Institut.

(212

1897, June.

Stein, Henri.

L'Institut international de bibliographie & le projet de bibliographie universelle.

(Le) bibliographe moderne 1897: 121-25.

Disapproves of the adoption of the D. C. and thinks that the tendency is rather towards special, critical and raisonnee bibliographies than towards general and universal catalogues.

(213

1897, June.

Arctowski, Henryk.

The genealogy of the sciences as the basis of their bibliography.

Natural science v.10: 395-405.

Reference made to the International bibliographical congress, London, 1896, with special attention paid to the classification of scientific papers. The decimal system of classification being a notation rather than a classification is based on a purely conventional system which may satisfy a librarian, but should not satisfy a man of science. The difficulty, in many cases bordering to impossibility, of dividing science into pure and applied and then dividing the pure sciences into abstract and concrete is illustrated. The classification to be applied must be a philosophical classification founded on the history of the development of science in a natural

order which would be the genealogical tree of science.
In order to obtain positive data it is absolutely
necessary that scientific men of all nations should take
part in this international bibliographical work - this
"Bibliography of the 20th century".

Also published in pamphlet form
Arctowski, Henryk.

La Genealogie des sciences. 19 p. Bruxelles 1897,
as reprint from Bulletin de l'Institut international
de bibliographie no. 2 1897.

(214

1897, June.

Publications of the Office international de bibliographie.

L. j. 22: 304-5.

A notice of the catalogue of the publications
issued by the office.

See also Library 8: 354.

(215

1897, June 25.

U. S. - Experiment stations, Office of.

Card index of agricultural literature.

Circular, information about the subject index,
printed on cards, of the literature of Agricultural
experiment stations, which is being issued by the office.

(Circulars no. 102 & 106.)

Noted in Milkau p. 107-8.

(216

1897, July.

Jellinek, A. L.

Eine Encyclopadie der wissenschaften Zeitschrift fur
bucherfreunde. . 1 (no.4) . 200-10.

Comments upon the great need of a universal catalogue
and its realization through cooperative work, followed
by a review of the proceedings of the international
bibliographical conference in Brussels 1895. Outlines
given of the prospective work of "Institut international
de bibliographie" with criticisms of the Dewey Decimal
system amended and adopted by the Institut, and several
suggestions as to the scope of the proposed universal
bibliography.

(217)

1897, July.

Mortet, Victor&Charles.

Des catalogues collectifs ou communs a plusieurs
bibliotheques.

Revue internationale des archives des
bibliotheques & des musees
(Bibliotheques) 169-95.

A review of the practical contributions in the field
of union-cataloguing or catalogues common to a group of
libraries, from the first attempt in France in 1791 to
the present day.

(218)

1897, Aug.

D., A.

Le congrès des bibliothécaires à Londres.

Le bibliographe moderne 1: 185-91.

Report of the proceedings with comments.

(219

1897, August.

Bergmans, Paul.

La deuxième conférence bibliographique de Bruxelles.

Le bibliographe moderne 1: 192-200.

(220

1897, Aug. 6.

Adler, Cyrus.

The international catalogue of scientific literature.

Science 6: 184-201.

Account of the International bibliographical conference, held in London, July 14-17, 1896, with a brief history of the movement toward an international catalogue of scientific works, followed by:

1. A list of the governments represented by delegates.
2. A condensed account of such portions of the debates as would seem to be of especial bibliographical & scientific interest.
3. For the sake of clearness a recapitulation of all of the resolutions agreed to with the exception of such as related purely to matters of detail concerning the

holding of meetings.

4. The report of the U. S. delegates together with the official documents relating thereto.

Also in L. j. 22: C58-60.

Principal resolutions adopted at the conference also noticed in Academy v. 50: 84.

(221

1897, Aug. 21.

Baudouin, Marcel.

Congres scientifiques la seconde conference bibliographique internationale de Bruxelles en 1897.

Revue scientifique Quatr. ser. 8, 235-39.

Report of the meetings with comments, pointing out what ought to be done at the congress to be held at Paris 1900.

(222

1897, Oct. 13.

Biagi, Guido.

Il 2 congresso internazionale dei bibliotecari.

Bolletino ufficiale del ministero della
pubblica istruzione 41, vol. 2,
anno 24, p. 1623-34.

On the international congress at London.

Reprinted in Revista delle biblioteche e degli archivi,
8: 81-94.

(223

1897, Oct. 15.

Internationell bibliografi.

Svensk bokhandelstidning 1897, no.42: 155.

Refers to the question of international bibliography with special mention of the "decimal" and the "expansive" classification systems and of the establishment of the Office internationale de bibliographie in Brussels.

(224

1897, Nov. 1.

Lydehker, R.

The study and use of scientific literature.

Knowledge 20: 273-4.

References to index slips on any scientific subject supplied by the Bureau of scientific literature at Berlin (and other co-operative schemes).

(225

1897, Nov. 29.

Taschenberg, Otto.

Etwas uber bibliographie.

(Die)natur 46: 565-70.

A historical review of the development of bibliography telling of the modern enterprise of the Royal society, the Brussels Institute and Concilium bibliographicum in Zurich. (Also mentions the D. C., which called forth a reply from Dr. H. H. Field, Natur 47: 236-237.)

(226

1898.

Andrews, Clement W.

Printed card catalogues. (See London - International library conference, July 13-16, 1897. Transactions and proceedings 1898. p. 122-25.)

Paper on the advantages and disadvantages of the printed catalogue cards, used in Boston public library, Harvard university, New York public, and John Crerar libraries.

Also noticed in L. j. v.22: 397 and in B. I. I. B. 3: 133-38.

(227

1898.

Bowker, R. R.

Bibliographical endeavours in America. (See London. - International library conference, July 13-16, 1897. Transactions & proceedings. 1898. p. 150-53.)

Review of the different bibliographical ventures made in America with special attention called to the remarkable opportunity for the Copy-right department of Library of Congress in making the copy-right record of each book a printed card to be supplied to subscribing libraries.

Also noticed in L. j. v. 22: 397, translated into French by H. L. F. in B. I. I. B. 3: 125-32.

(228

1898.

Funck-Brentano, Frantz.

Les problemes bibliographiques & leurs solutions.

Revue des deux mondes 1898, I: 175-99.

What has been accomplished by the Office International de bibliographie is as yet insufficient, and with the method in use, we doubt if it ever can... He proposes to fuse the different catalogues of the large libraries together into one.

For analyse of above see Limousin in Bulletin des summaries 1898. (Referred to by B. I. I. B.)

(229

1898.

Guppy, H.

Some bibliographical tools.

Library 10: 377-79.

A brief synopsis of this paper, read at the monthly meeting of the L. A., with the subsequent discussion, a rapid review of the most important guides in the four departments of bibliography; bibliography of bibliography, general bibliography, national bibliography, and historical bibliography.

(230

1898.

International institute of bibliography.

B. I. I. B. 10: 261-2.

Translation of a circular on cards for a universal

bibliographical index to be issued by the Institute,
stating conditions, etc.

(231

1898.

Junker, Carl.

De l'impression des bibliographies.

Bulletin I. I. B. 3: 115-24.

Discusses the different methods of printing catalogue cards, the value of the linotype, the monoline and the typograph, which latter he recommends as most practical for library purposes.

(232

1898.

Langton, H. H.

Co-operation in a catalogue of periodical publications.

(See London. International library conference, July 13-16,
1897. Transactions & proceedings...1898 p. 122-25.)

Attention called to the fragmentary and defective condition of the bibliography of periodicals with a suggestive plan to secure the services of all librarians of the world in compiling a cooperative catalogue of serials. Reprint, 4 p. Q. n.p. n.d.

Also noticed in L. j. v.22:397.

(233

1898.

Larned, J. N.

The organization of co-operative works among public libraries. (See London. International library conference, July 13-16, 1897. Transactions & proceedings. 1898. p.120-21)

A paper upon the success of the cooperative work among libraries especially in comprehensive indexing. Emphasizing the importance of subject-indexing of general literature, the writer suggests the formation of a new index society, composed by librarians in America and Europe, with a permanent editorial director, adequately salaried and devoting his whole attention to the world.

Also noticed in L. j. v. 22: 396-97.

(234

1898.

Milkau, Fritz.

Centralkataloge & titeldrucke, geschichtliche erörterungen & praktische vorschläge im hinblick auf die herstellung eines gesamt-katalogs der Preussischen wissenschaftlichen bibliotheken. 10 + 151 + 76 p. O. Lpz. Harrassowitz 1898. (Beiheft zum C. f. B. no. 20.)

The first part of the work, "Geschichtliche erörterungen" is a historical survey of the different plans that have been proposed towards a universal catalogue and of the various catalogues already in existence, with rules deducted from the many plans and failures which may work practically in the realization of the proposed

general catalogue of the Prussian libraries. "Praktische vorschläge" are given in the second part, emphasizing the point that the manuscript of the catalogue must be ready before any printing is undertaken. A date should be fixed, and no material included after printing has once begun. Other plans are to print on one side of the page and make additions in writing as the work proceeds. The preparation of the catalogue in card form only is also considered, but not thought to have the sufficient element of durability. Sup. 1 gives specimens of title-prints, sup. 2 a conspectus of the different card formats in use. Full bibliographical references are given in the numerous foot-notes. Reviewed by Hans Schnorr von Carolsfeld in C. f. b. 15: 578-82; ^{notice} and in L. j. 24: 130, ^{and reviewed by C. M. L. j.} 25: 28-30.

(235)

1898.

Printed card - catalogues. (See London. International library conference...July 13-16, 1897. Transactions & proceedings 1898 p. 242-3.)

Report of the discussion on printed card catalogues at the London conference Thursday, July 15, 1897, sixth session.

Also noticed in L. j. 22: 597.

(236)

1898.

Projet de regles pour la redaction des notices bibliographiques

B. I. I. B. 3: 81-113.

A certain number of the French section of the Institut have decided to form themselves into a Bureau bibliographique de Paris for more effective cooperation with the Institut. They propose especially to assist learned societies and isolated collaborators who wish to contribute to the preparation of the Repertoires bibliographiques, and have for that purpose edited a code of rules.

(237

1898, Jan.

A. L. A. Publishing section.

L. j. 23: 24-5.

Printed catalogue cards for serials.

The libraries of Harvard university and Columbia university, the Boston public library, John Crerar library, and New York public library have selected the publications to be analyzed, and will divide among them the work of cataloguing, sending the manuscript to the publishing section to be printed for their own use and for the benefit of other libraries, including works of the more important learned societies. Its scope may be enlarged by including additional current periodicals, complete sets of certain periodicals from their beginning, government publications, books of a composite nature,

containing articles by several writers. No extra sets will be printed, so cards for back numbers can not be supplied. Two copies of each card will be supplied, no subject heading will be printed, each library can write in on the upper margin a subject heading in conformity with its own catalogue. Cards will be sent out twice a month. \$4.50 per 100 titles (2 cards).

Endorsed by Melvil Dewey, L. j. 23:48.

(238

1898, Jan. 8.

Is a world bibliography feasible?

Publishers' weekly 53:29-30.

Points out the difficulties the Brussels Institute of bibliography will have to overcome, but can hardly be expected to overcome, and questions the usefulness of the scheme. Some statistics of the yearly literary production in different countries are quoted.

(239

1898, Febr. 15.

Frankfurter, S.

Die verhandlungen der section für bibliothekswesen auf der 44 versammlung deutscher philologen & schulmänner in Dresden 29 Sept. bis 2 Okt., 1897.

Mittheilungen des österr. vereines für

bibliothekswesen 2 jahrg. no.1. p. 10-24.

Report of the meeting. Of special interest is

Dr. Dziatzko's paper on modern efforts in "generalkatalogisierung".

(240)

1898, March 30.

London. Royal Society. International catalogue of scientific literature, Committee on.

Report... with schedules of classification.

Various paging. 1 table. O. London 1898.

(241)

1898, April.

A. L. A. Publishing section.

Printed catalogue cards for serials.

L. j. 23: 151.

Quoting some interesting facts given by Mr. C. W. Andrews in his paper read before the interstate meeting at Evanston in February.

(242)

1898, August.

Andrews, Clement W.

Use made of printed cards for articles in current periodicals.

L. j. 23: C110-12.

Compares to some extent the work done by the A. L. A. Publishing section with that of the Royal Society. "Their sample slips show that they wish to index rather

than classify the articles and against this attempt I wish to protest as strongly as possible."

Discusses the advantages of a classed catalogue over an alphabetical and the several considerations upon which the decision would rest whether a particular serial should be analyzed or not and emphasizes the four: form, importance, subject and location. Would it not be better to drop the periodicals that are of interest to the specialists only and would naturally be consulted by them?

Read at Chautauqua conference July 5-9, 1898.

For discussion following this paper see L. j. 23; 173-74.

(243

1898, August 25.

Carus, J. Victor.

Über den "International catalogue of scientific literature" der Royal Society of London.

Zoologischer anzeiger 21: 453-67.

Review of the report of the committee, appointed by the Royal Society to investigate and settle all the problems left unsolved by the International conference. Criticism and suggestions conferred upon the subject-catalogue planned and the classification system adopted (an imitation of the Dewey system) by the committee, especially with approval of the resolutions that

- 1) In indexing according to subject matter regard shall

be had not only to the title (of a book or paper) but also to the nature of the contents and

2) That the needs of scientific investigators were to be regarded first and not the need of the libraries.

Translated in Science 9: 825-35.

(244

1898, Aug. 31.

Junker, Carl.

Die internationale katalog der exakten wissenschaften.

Beilage zur Allgemeine Zeitung 1898 no.195:4-6.

Review of the report of the committee of the Royal society, 1898, with emphasis on the shortcomings of the classification scheme proposed by the committee.

Reprinted in B. I. I. B. 2: 118-19.

(245

1898, Sept. 16.

Brinton, D. G.

International catalogue of scientific literature.

Science 8: 375-76.

On the report of the committee of the Royal society appointed to consider the classification of the sciences. The classification of the science of Anthropology (known as schedule O) is reviewed and criticised.

(246

1898, Oct.

(The) book catalogue of the British museum.

Quarterly review 188: 289-305.

Gives the history of the catalogue. Recommends the periodical reprinting of the whole with incorporation of all the new titles which have come in since the last edition was printed. This reprint would form a basis for central catalogues, representing for each country its collective wealth in literature. Each considerable library could compare its own contents with the Museum catalogue, and frame a list of any books, in its own possession which were not found in the Museum library. Such central catalogues would open the way for the ultimate construction, if it should be thought desirable, of a universal catalogue.

(247

1898, Oct. 11-13.

London. International catalogue conference, 1898.

Report of the proceedings at the second international conference on a catalogue of scientific literature, held in London, October 11-13, 1898. 111 p. London 1898.

Published by the Royal society of London.

(248

1898, Oct. 27.

The international conference on scientific literature

Nature 58: 623-25.

The official report of the proceedings of the second International conference on Scientific Literature held in the rooms of the Society of Antiquaries Oct. 11-13, 1898.

Same in Science 8: 660-65, also in condensed form in Natural Science 13: 433-34.

(249)

1898, Oct. 28.

The conference on an international catalogue of scientific literature.

Science 8: 589-90.

Report of the opening of the Second conference on an International catalogue of Scientific Literature under the auspices of the Royal Society Oct. 12, 1898. Names of delegates given with a request that the conference provides for a publication of its scientific proceedings.

Comments to the same effect in Science 9: 187-88 and Nature 58: 578-79.

(250)

1898, Nov. 25.

Tuckerman, Alfred.

The proposed catalogue of scientific literature.

Science 8: 752.

Proposes an open discussion by cataloguers in regard to the proposed catalogue, and the most liberal attention should be given to the wishes of the users of such a catalogue, as the most important characteristic of a catalogue of scientific literature ought to be its convenience to the user. The user of the catalogue wants to find his subject in the alphabetical order as in an encyclopaedia: first the title, then the date, then the author and the size of the work.

(251)

1898, Dec. 16.

Mosso, Angelo.

La conferenza internazionale per il catalogo della letteratura scientifica.

Nuova Antologia 162 (ser. 4, 78) 712-723.

In commenting upon the London conference, the author points to tasks that should be undertaken by the bibliographers of Italy, "La patria della bibliografia".

(252)

1899.

Annuaire de l'Institut International de Bibliographie.

B. I. I. B. 4, 71-193.

A special number of the Bulletin giving the organization of the Institut, the statutes, list of members, diverse services relative to the universal bibliography, and catalogue of the publications of the Institute.

(253)

1899.

Bibliographia universalis quae auspiciis instituti Bibliographici internationalis Bruxellensis editur. Bibliographia physiologica (016:612) quam auxiliis J. Athanasiu, J. Carvallo, C. Dupuy, G. Manca et Concilii bibliographici edit C. Richet. Nova series, vol. 1, no. 5, 1897. Turich. Concilium bibliographicum, 1899. 128-191 p. 8 , paper.

Quoted in L. j. 24: 594.

(254)

1899.

Examen du projet de la Societe royale de Londres concervant le catalogue international des sciences.

B. I. I. B. 4: 5-73.

A contribution towards a critical examination of the avant-projet of the committee of the Royal society, consisting of three papers:

- 1) Observations presentees au point de vue de la methode bibliographique par le comite de direction de l'Institut international de bibliographie.

- 2) Le programme de classification de physiologie d'
apres la Societe royale, par Ch. Richet.
- 3) The international catalogue of scientific papers.
Report from H. H. Field, director of the Concilium
bibliographicum, Zurich. (Last paper reprint from
Science 10:133-43. See no. 279.)

(255

1899.

Garnett, Richard.

Essays on librarianship and bibliography. 14 + 343 p.

D. London, 1899. (Library series, v.5.)

Reviewed in Athenaeum 1899, 2: 551, Literature 5:

111, L. j. 25: 28-30. (See nos. 52, 72, 88, 98.)

(256

1899.

Milkau, Fritz.

Die internationale bibliographie der naturwissenschaften
nach dem plane der Royal society, eine orientierende ubersicht.
62 p. O. Berlin, 1899.

Historical sketch of the British Royal society scheme.

(257

1899.

Prussia - Ministerium der geistlichen, unterrichts- & medizinal-
angelegenheiten.

Instruktionen fur die alphabetischen kataloge der

preussischen bibliotheken & für den preussischen gesamtkatalog vom Mai 1899. 163 p. Q. Berlin, 1899.

Rules and plans for the proposed Prussian union-catalogue. Reviewed by Dr. R. Daublebsky v. Sterneck in Mittheilungen des oster. vereins für bibliothekswesen, 3: 74-85; and by C. M. in L. j. 25: 28-30.

(258

1899, Jan.

Campbell, Frank.

Past & future papers of the library association; our aims & objects.

L. A. record vol. I, no.1, p. 4-15.

The importance of reports and discussions of international bibliography, national systems of cataloguing, classifying, and indexing literature laid special stress on.

(259

1899, Febr.

Paris. Bureau bibliographique francais.

L. j. 24: 80.

A French bibliographical bureau has been established in connection with I. J. de B. of Brussels. Its special purpose will be to aid in the preparation of bibliographies to be issued by the various French societies and to conform such publications to the rules adopted for the "bibliographie universelle" of the Brussels institute.

(260

1899, Febr. 16.

Campbell, Frank.

Cataloguing of periodical scientific literature.

Nature 59: 370.

Letter recommending learned societies to catalogue the literature they produce like the system pursued by the R. istituto Lombardo di scienze e lettere of Lombardy, issuing sheets containing full titles, printed on one side only, of the articles appearing in its Rendiconti under author, subject (and place).

Reprinted in L. j. 24: 176. Also note in L. A. R. Nov. 1899, p. 755-6.

(261

1899, March.

Chilovi, Desiderio.

Il catalogo della letteratura scientifica.

Nuova Antologia 164 (ser. 4, vol.80)

Reprint, 24 p. 0. Rome, 1899. 24 p. 0.

Disapproves of any plan for consolidating the entries in book catalogue form, and is opposed to the suggestion of translating into an accepted language all titles outside the two languages to be given in the original. He believes it is unnecessary to select any "universal language" for this purpose or for classification, as he finds the D. C. thoroughly adaptable to any language, and refers to its use by the Concilium bibliographicum of Zurich.

Reviewed in L. j. 24: 232.

(262

1899, March.

Rudolph, Alexander J.

The blue print process for printing catalogues.

L. j. 24: 102-105.

Proposed plan by the Newberry Library (Chicago) to print a catalogue of the accessions accumulated in the British museum since 1880 to date in one general alphabet by the so called blue-print process. The special advantages of this process over ordinary printing are emphasized, and a detailed description of the method, its application, and the cost of the catalogue are presented.

Editorial remarks and criticism in L. j. 24: 97.

Editorial comments with the announcement that the British museum with the beginning of the new century will supplement its great catalogue by reprinting in one alphabet the entries of accessions since 1880, thus making unnecessary the work planned by means of the blue-print photo process. L. j. v. 24: 560.

Announcement that the Newberry library (Chicago) has published a first volume of the blue-print catalogue of the British museum accessions, covering the subject "Academies". L. j. v. 24: 574.

Criticism and suggestions, by Charles Martel
L. j. v. 24: 608.

1899, March 31.

Il catalogo della letteratura scientifica.

Bolletino delle pubblicazioni italiane v.14, no. 318

XXII-XXIII.

A note on the recent endeavors in cooperative cataloguing of science, especially the Royal society catalogue, the D. C. ought to be adopted as it is "certo preferibili agli altri sistemi".

(264

1899, May.

Andrews, Clement W.

Co-operative lists of periodicals & transactions of societies.

L. j. 24: C29-31.

Presentation of a bibliography of co-operative lists of serials, compiled by A. G. S. Josephson.

Concludes, that the part which co-operation can play successfully is limited strictly to the first preparation of the material. Attention called to three important points of consideration. (1) Shall the list be limited to publications currently received or shall it include those no longer subscribed for and those no longer published. (2) What classes of serial publications shall be included. (3) The fulness of entry of holdings of each institution.

Recommends to make the lists as full and comprehensive as possible and set by linotype so as to permit the

issue of new publications or at least of cumulative supplements at short intervals. (Read at the Atlanta conference, May 1899.)

(265

1899, May.

Thomson, John.

Plan for a co-operative list of incunabula.

L. j. 24: C131-2.

Proposes a co-operative work to procure a hand list of incunabula (limiting the date to books printed prior to 1501) owned by colleges, libraries, and private owners in America.

The list is intended to be a contribution to the exhibition or quincenary celebration of the birth of Gutenberg, which is to be held at Mainz (Germany). Every member of the A. L. A., who knows where one or more incunabula are, should enter into communication with the Free Library of Philadelphia which has undertaken to compile the list. (Read at the Atlanta conference May 11, 1899.)

On the object, progress and method of collecting necessary material L. j. v. 24: 246.

(266

1899, May.

Adler, Cyrus.

The international catalogue of scientific literature.

L. j. 24: C127-28.

Summary of a more extended account of the international catalogue conference, 1898, Science June 2 & 9, 1899 (see no. 269) followed by the report of the A. L. A. committee on International catalogue of scientific literature.

(267)

1899, Mai 15.

Laschitzer, Simon.

Literarische besprechungen; Generalkatalog der laufenden periodischen druckschriften an den osterreichschen...bibliotheken...von dr. F. Grassauer. Wein 1898.

Mittheilungen des osterr. vereines fur
bibliothekswesen III, no. 2, p.42-6.

In reviewing this work the writer points out the importance it "a jour and extending the cooperation catalogue scheme to printed books.

(268)

1899, June 2 & 9.

Adler, Cyrus.

The international catalogue of scientific literature-
Second conference.

Science 9: 761-71 & 799-808.

Description of the work done since the time of the conference toward reaching a working plan for the international bibliographical undertaking.

The report of the committee formed by the Royal Society to study all questions remaining undecided at the close of the first conference is given in condensed form with the discussions following and the resolutions agreed upon at the Second conference on an International catalogue of Scientific Literature, Oct. 1898. The writer's letter accompanying his report to the Secretary of **State** is given with the latter's reply, stating his recommendation to congress in regard to the matter, followed by the petitions in behalf of the proposition presented by Boston and New York public libraries.

(269

1899, June 23.

Abbe, Cleveland.

The international catalogue of scientific literature -
Meteorology.

Science 9: 871-72.

Favorable comments upon the schedules of classification in meteorology, proposed by the International catalogue committee of the Royal Society.

(270

1899, June 23.

Ames, J. S.

The international catalogue of scientific literature -
Physics.

Science 9: 864-67.

Favoring a subject card catalogue for the use of
workers in laboratories. The writer proceeds to give
a critical review of the classification in Physics, pro-
posed by the Committee of the Royal Society.

(271

1899, June 23.

Bolton, H., Carrington & Cutter, William P.

The international catalogue of scientific literature -
Chemistry.

Science 9: 867-71.

Authors favor a dictionary plan for a classification
system, in which specific words are arranged alphabetic9
ally, and disapproves of the arbitrary system, or schedule
of classification for Chemistry, drawn up by the committee
of the Royal Society.

(272

1899, June 30.

Shaler, N. D.

The international catalogue of scientific literature -
Geology & Geography.

Science News-v. 9: 907-08.

Holds that the schedule of classification of writings relating to Geology & Geography, proposed by the International Catalogue committee is, on the whole, well considered, though as regard to its details, it is evidently open to certain criticisms.

(273

1899, June 30.

Loeb, Jacques.

The international catalogue of scientific literature -
Physiology.

Science 9: 908-9.

Comments on the physiological part of the catalogue of scientific literature prepared by the Royal Society.

(274

1899, July 14.

Bessey, Charles E.

The international catalogue of scientific literature -
Botany.

Science 10: 46-48.

Criticism and suggestions in regard to the classification scheme in botany proposed to the Royal Society International catalogue committee.

(275

1899, July 14.

McGee, W. J.

The international catalogue of scientific literature -
Anthropology.

Science 10: 48-50.

Criticism of the classification system in Anthropology
drawn up by the Royal Society International catalogue
committee.

(276

1899, Aug.

Adler, Cyrus.

L. J. 24: 501.

International catalogue of Scientific literature.

Short mentioning of Dr. Adler's very full report
in Science 9: 761-71 & 799-808 (also published in
pamphlet form 44 p. O.) of the Second International cata-
logue conference.

(277

1899, Aug.

Carus, J. Victor.

On the international catalogue of scientific literature
of the Royal Society.

Science 9: 825-35.

Translation from Zoologische Anzeiger, mentioned in
L. j. v. 24: 501. See also Science 9: 864-72, 907-9,
482-87.

(278

1899, Aug. 4.

Field, Herbert Haviland.

The international catalogue of scientific literature.

Science 10: 133-43.

Severe criticisms of the schedules of classification proposed by the Royal Society's committee and of the methods employed in trying to solve the technical difficulties involved in the bibliographical enterprise.

Reprinted in Bulletin I. I. B. 4: 59-73.

(279

1899, Aug. 11.

Columbia university - International catalogue of scientific literature, Committee on.

Science 10: 165-74.

Report by the committee appointed to examine the plans for an international catalogue of scientific literature with discussions of the several schedules of classification from professors of the University.

(280

1899, Aug. 25.

Field, Herbert Haviland.

The international catalogue of scientific literature.

Science 10: 254-56.

Defense of the Dewey Decimal classification against the criticism by a committee of Dutch scientists which claimed that the adoption of the system would lead to the

failure of the international bibliographical enterprise.

(281

1899, Sept.

Bibliografia universalis.

Publicazione cooperativa dell Istituto bibliografico
internazionale di Bruxelles, anno 1, fasc. 1, 1899.

Firenze, G. Civella, 1899. 8 p. 1. 0.

Pamphlet by Signor Saladino Saladini-Pilastrì explaining
the accompanying first bulletin of the bibliography
of contemporary Italian law, classified by the decimal
system as one of the publications of the Brussels
International institute of bibliography.

Signor Saladini-Pilastrì shows himself an ardent
advocate of the decimal system.

Reviewed in L. j. 24: 546.

(282

1899, Sept, 15.

Porter, William Townsend.

A card centralblatt of physiology.

Science 10: 371-73.

Pointing out the inadequacy of the existing author
and subject catalogues of scientific literature, the
writer gives a detailed account of the publication of a
"Centralblatt" of physiology considered by the trustees of
the Boston public library.

Comments and suggestions in regard to the plan by

J. McKeen Cattell in Science 10: 419-420.

Endorsement of W. T. Porter's plan by P. H. Wynne in
Science 10: 535-36.

(284

1899, Sept. 1.

Baldwin, J. Mark & Cattell, J. McKeen.

Schedule for psychology of the international catalogue.

An inquiry and statement in regard to the classification for psychology presented by the Royal Society.

(283

1899, Oct. 6.

International catalogue of scientific literature.

Science 10: 482-87

Report of the provisional international committee
appointed at the second international conference, Oct.

1898, to study all questions relating to the International
catalogue of Scientific Literature.

(285

1899, Oct.

International catalogue of scientific literature.

L. j. 24: 592.

Announcement that the Institut international de
bibliographie has issued fasc. 1-2 of its Bulletin for
1899 which is devoted to an "Examen du projet de la
Societe Royale de Londresconseruant le catalogue interna-

tional des sciences". It comprises observations upon bibliographical questions connected with the plan by the executive committee of the institute; a criticism of the proposed classification of psychology by Chales Richet; and a general review of the classification with special reference to zoology by H. H. Field of the Concilium bibliographicum in Zurich. Also published ~~an~~ pamphlet entitled "Le projet de catalogue international des sciences de la Societe Royale de Londres: observations presentees par l'Institut international de bibliographie."

1899, Oct.

(286

Nordlinger, Miss Clara & W. E. Hoyle.

The Concilium bibliographicum at Zurich and its work.

L. A. record v. 1:709-18.

Paper read at the 22nd annual meeting of the

L. A. U. K., 4-8 Sept., 1899.

1899, Nov. 3.

(287

True, A. C.

The card index of experiment station publications.

Science 10:650-52.

Plan of the index regularly issued by the Office of Experiment stations of the U. S. Department of Agriculture

(288

Clark, Josephine A.

Card index of genera, species & varieties of plants published since 1885. Wash. n.d.

Broadside giving the outlines and the scope of the work and the method of publication of a botanical index on printed cards issued as a private enterprice by the author.

(289

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